



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL
TRAINING AT THE UNIVERSITY OF HELSINKI 2005–2010

RC-Specific Evaluation of LMPS – Logic, methodology, and philosophy of science

Seppo Saari & Antti Moilanen (Eds.)



Evaluation Panel: Humanities

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Title: International Evaluation of Research and Doctoral Training at the University of Helsinki 2005–2010 : RC-Specific Evaluation of LMPS – Logic, methodology, and philosophy of science	Type of publication: Evaluations
Summary: Researcher Community (RC) was a new concept of the participating unit in the evaluation. Participation in the evaluation was voluntary and the RCs had to choose one of the five characteristic categories to participate. Evaluation of the Researcher Community was based on the answers to the evaluation questions. In addition a list of publications and other activities were provided by the TUHAT system. The CWTS/Leiden University conducted analyses for 80 RCs and the Helsinki University Library for 66 RCs. Panellists, 49 and two special experts in five panels evaluated all the evaluation material as a whole and discussed the feedback for RC-specific reports in the panel meetings in Helsinki. The main part of this report is consisted of the feedback which is published as such in the report. Chapters in the report: 1. Background for the evaluation 2. Evaluation feedback for the Researcher Community 3. List of publications 4. List of activities 5. Bibliometric analyses The level of the RCs' success can be concluded from the written feedback together with the numeric evaluation of four evaluation questions and the category fitness. More conclusions of the success can be drawn based on the University-level report.	
RC-specific information:	
Main scientific field of research: Humanities	RC-specific keywords: proof, Hilbert's program, truth, explanation, intentionality, realism, cooperation, modelling, game theory, game-theoretical semantics, modal logic, early analytic philosophy, IF logic
Participation category: 1. Research of the participating community represents the international cutting edge in its field	
RC's responsible person: Sandu, Gabriel	
Keywords: Research Evaluation, Meta-evaluation, Doctoral Training, Bibliometric Analyses, Researcher Community	

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Foreword

The evaluation of research and doctoral training is being carried out in the years 2010–2012 and will end in 2012. The steering group appointed by the Rector in January 2010 set the conditions for participating in the evaluation and prepared the Terms of Reference to present the evaluation procedure and criteria. The publications and other scientific activities included in the evaluation covered the years 2005–2010.

The participating unit in the evaluation was defined as a Researcher Community (RC). To obtain a critical mass with university-level impact, the number of members was set to range from 20 to 120. The RCs were required to contain researchers in all stages of their research career, from doctoral students to principal investigators (PIs). All in all, 136 Researcher Communities participated in this voluntary evaluation, 5857 persons in total, of whom 1131 were principal investigators. PIs were allowed to participate in two communities in certain cases, and 72 of them used this opportunity and participated in two RCs.

This evaluation enabled researchers to define RCs from the “bottom up” and across disciplines. The aim of the evaluation was not to assess individual performance but a community with shared aims and researcher-training activities. The RCs were able to choose among five different categories that characterised the status and main aims of their research. The steering group considered the process of applying to participate in the evaluation to be important, which led to the establishment of these categories. In addition, providing a service for the RCs to enable them to benchmark their research at the global level was a main goal of the evaluation.

The data for the evaluation consisted of the RCs’ answers to evaluation questions on supplied e-forms and a compilation extracted from the TUHAT – Research Information System (RIS) on 12 April 2011. The compilation covered scientific and other publications as well as certain areas of scientific activities. During the process, the RCs were asked to check the list of publications and other scientific activities and make corrections if needed. These TUHAT compilations are public and available on the evaluation project sites of each RC in the TUHAT-RIS.

In addition to the e-form and TUHAT compilation, University of Leiden (CWTS) carried out bibliometric analyses from the articles included in the Web of Science (WoS). This was done on University and RC levels. In cases where the publication forums of the RC were clearly not represented by the WoS data, the Library of the University of Helsinki conducted a separate analysis of the publications. This was done for 66 RCs representing the humanities and social sciences.

The evaluation office also carried out an enquiry targeted to the supervisors and PhD candidates about the organisation of doctoral studies at the University of Helsinki. This and other documents describing the University and the Finnish higher education system were provided to the panellists.

The panel feedback for each RC is unique and presented as an entity. The first collective evaluation reports available for the whole panel were prepared in July–August 2011. The reports were accessible to all panel members via the electronic evaluation platform in August. Scoring from 1 to 5 was used to complement written feedback in association with evaluation questions 1–4 (scientific focus and quality, doctoral training, societal impact, cooperation) and in addition to the category evaluating the fitness for participation in the evaluation. Panellists used the international level as a point of comparison in the evaluation. Scoring was not expected to go along with a preset deviation.

Each of the draft reports were discussed and dealt with by the panel in meetings in Helsinki (from 11 September to 13 September or from 18 September to 20 September 2011). In these meetings the panels also examined the deviations among the scores and finalised the draft reports together.

The current RC-specific report deals shortly with the background of the evaluation and the terms of participation. The main evaluation feedback is provided in the evaluation report, organised according to the evaluation questions. The original material provided by the RCs for the panellists has been attached to these documents.

On behalf of the evaluation steering group and office, I sincerely wish to thank you warmly for your participation in this evaluation. The effort you made in submitting the data to TUHAT-RIS is gratefully acknowledged by the University. We wish that you find this panel feedback useful in many ways. The bibliometric profiles may open a new view on your publication forums and provide a perspective for discussion on your choice of forums. We especially hope that this evaluation report will help you in setting the future goals of your research.

Johanna Björkroth
Vice-Rector
Chair of the Steering Group of the Evaluation

Steering Group of the evaluation

Steering group, nominated by the Rector of the University, was responsible for the planning of the evaluation and its implementation having altogether 22 meetings between February 2010 and March 2012. They all represent the University of Helsinki.

Chair

Vice-Rector, professor **Johanna Björkroth**

Vice-Chair

Professor **Marja Airaksinen**

Chief Information Specialist, Dr **Maria Forsman**

Professor **Arto Mustajoki**

University Lecturer, Dr **Kirsi Pyhälä**

Director of Strategic Planning and Development, Dr **Ossi Tuomi**

Doctoral candidate, MSocSc **Jussi Vauhkonen**

Panel members

CHAIR

Professor Wim van den Doel

Contemporary history, history of European relations with the world
beyond Europe
Leiden University, the Netherlands

VICE-CHAIR

Professor Kerstin Jonasson

Romance languages, linguistics
Uppsala University, Sweden

Professor Regina Bendix

European ethnology, scientific history of ethnography, folklore
University of Göttingen, Germany

Professor Paul Cobley

History, American studies, communication, semiotics
London Metropolitan University, Great Britain

Professor Troels Engberg-Pedersen¹

Theology, early Christian thought, ancient philosophy
University of Copenhagen, Denmark

Professor Erhard Hinrichs

Linguistics, language technology, infrastructures
Eberhard Karls Universität Tübingen, Germany

Professor Jutta Scherrer

Intellectual and cultural history of Russia, history of ideologies
L'École des hautes études en sciences sociales (EHESS), France

Professor Klaus Tanner²

Theology, ethics
University of Heidelberg, Germany

Professor Pauline von Bonsdorff

Aesthetics, art education
University of Jyväskylä, Finland

The panel, independently, evaluated all the submitted material and was responsible for the feedback of the RC-specific reports. The panel members were asked to confirm whether they had any conflict of interests with the RCs. If this was the case, the panel members disqualified themselves in discussion and report writing.

Added expertise to the evaluation was contributed by the members from the other panels.

Experts from the Other Panels

Professor Caitlin Buck, from the Panel of Natural Sciences

Professor Allen Ketcham, from the Panel of Social Sciences

Professor Erno Lehtinen, from the Panel of Social Sciences

Professor Jan van Leeuwen, from the Panel of Natural Sciences

¹ Professor Engberg-Pedersen contributed in the report writing although was not able to take part in the meetings in Helsinki.

² Professor Tanner was involved in the discussions in Helsinki, but not in the pre-work and writing of the reports.

EVALUATION OFFICE

Dr Seppo Saari, Doc., Senior Adviser in Evaluation, was responsible for the entire evaluation, its planning and implementation and acted as an Editor-in-chief of the reports.

Dr Eeva Sievi, Doc., Adviser, was responsible for the registration and evaluation material compilations for the panellists. She worked in the evaluation office from August 2010 to July 2011.

MSocSc Paula Ranne, Planning Officer, was responsible for organising the panel meetings and all the other practical issues like agreements and fees and editing a part the RC-specific reports. She worked in the evaluation office from March 2011 to January 2012.

Mr Antti Moilanen, Project Secretary, was responsible for editing the reports. He worked in the evaluation office from January 2012 to April 2012.

TUHAT OFFICE

Provision of the publication and other scientific activity data

Mrs Aija Kaitera, Project Manager of TUHAT-RIS served the project ex officio providing the evaluation project with the updated information from TUHAT-RIS. The TUHAT office assisted in mapping the publications with CWTS/University of Leiden.

MA Liisa Ekebon, Assisting Officer, served in TUHAT-RIS updating the publications for the evaluation. She also assisted the UH/Library analyses.

BA Liisa Jäppinen, Assisting Officer, served in TUHAT-RIS updating the publications for the evaluation.

HELSINKI UNIVERSITY LIBRARY

Provision of the publication analyses

Dr Maria Forsman, Chief Information Specialist in the Helsinki University Library, managed with her 10 colleagues the bibliometric analyses in humanities, social sciences and in other fields of sciences where CWTS analyses were not applicable.

Acronyms and abbreviations applied in the report

External competitive funding

AF - Academy of Finland
TEKES - Finnish Funding Agency for Technology and Innovation
EU - European Union
ERC - European Research Council
International and national foundations
FP7/6 etc. /Framework Programmes/Funding of European Commission

Evaluation marks

Outstanding (5)
Excellent (4)
Very Good (3)
Good (2)
Sufficient (1)

Abbreviations of Bibliometric Indicators

P - Number of publications
TCS - Total number of citations
MCS - Number of citations per publication, excluding self-citations
PNC - Percentage of uncited publications
MNCS - Field-normalized number of citations per publication
MNJS - Field-normalized average journal impact
THCP10 - Field-normalized proportion highly cited publications (top 10%)
INT_COV - Internal coverage, the average amount of references covered by the WoS
WoS - Thomson Reuters Web of Science Databases

Participation category

Category 1. The research of the participating community represents the international cutting edge in its field.

Category 2. The research of the participating community is of high quality, but the community in its present composition has yet to achieve strong international recognition or a clear break-through.

Category 3. The research of the participating community is distinct from mainstream research, and the special features of the research tradition in the field must be considered in the evaluation.

Category 4. The research of the participating community represents an innovative opening.

Category 5. The research of the participating community has a highly significant societal impact.

Research focus areas of the University of Helsinki

Focus area 1: The basic structure, materials and natural resources of the physical world

Focus area 2: The basic structure of life

Focus area 3: The changing environment - clean water

Focus area 4: The thinking and learning human being

Focus area 5: Welfare and safety

Focus area 6: Clinical research

Focus area 7: Precise reasoning

Focus area 8: Language and culture

Focus area 9: Social justice

Focus area 10: Globalisation and social change

1 Introduction to the Evaluation

1.1 RC-specific evaluation reports

The participants in the evaluation of research and doctoral training were Researcher Communities (hereafter referred to as the RC). The RC refers to the group of researchers who registered together in the evaluation of their research and doctoral training. Preconditions in forming RCs were stated in the Guidelines for the Participating Researcher Communities. The RCs defined themselves whether their compositions should be considered well-established or new.

It is essential to emphasise that the evaluation combines both meta-evaluation³ and traditional research assessment exercise and its focus is both on the research outcomes and procedures associated with research and doctoral training. The approach to the evaluation is enhancement-led where self-evaluation constituted the main information. The answers to the evaluation questions formed together with the information of publications and other scientific activities an entity that was to be reviewed as a whole.

The present evaluation recognizes and justifies the diversity of research practices and publication traditions. Traditional Research Assessment Exercises do not necessarily value high quality research with low volumes or research distinct from mainstream research. It is challenging to expose the diversity of research to fair comparison. To understand the essence of different research practices and to do justice to their diversity was one of the main challenges of the present evaluation method. Understanding the divergent starting points of the RCs demanded sensitivity from the evaluators.

1.2 Aims and objectives in the evaluation

The aims of the evaluation are as follows:

- to improve the level of research and doctoral training at the University of Helsinki and to raise their international profile in accordance with the University's strategic policies. The improvement of doctoral training should be compared to the University's policy.⁴
- to enhance the research conducted at the University by taking into account the diversity, originality, multidisciplinary nature, success and field-specificity,
- to recognize the conditions and prerequisites under which excellent, original and high-impact research is carried out,
- to offer the academic community the opportunity to receive topical and versatile international peer feedback,
- to better recognize the University's research potential.
- to exploit the University's TUHAT research information system to enable transparency of publishing activities and in the production of reliable, comparable data.

1.3 Evaluation method

The evaluation can be considered as an enhancement-led evaluation. Instead of ranking, the main aim is to provide useful information for the enhancement of research and doctoral training of the participating RCs. The comparison should take into account each field of science and acknowledge their special character.

³ The panellists did not read research reports or abstracts but instead, they evaluated answers to the evaluation questions, tables and compilations of publications, other scientific activities, bibliometrics or comparable analyses.

⁴ [Policies on doctoral degrees and other postgraduate degrees at the University of Helsinki.](#)

The comparison produced information about the present status and factors that have led to success. Also challenges in the operations and outcomes were recognized.

The evaluation approach has been designed to recognize better the significance and specific nature of researcher communities and research areas in the multidisciplinary top-level university. Furthermore, one of the aims of the evaluation is to bring to light those evaluation aspects that differ from the prevalent ones. Thus the views of various fields of research can be described and research arising from various starting points understood better. The doctoral training is integrated into the evaluation as a natural component related to research. Operational processes of doctoral training are being examined in the evaluation.

Five stages of the evaluation method were:

1. Registration – Stage 1
2. Self-evaluation – Stage 2
3. TUHAT⁵ compilations on publications and other scientific activities⁶
4. External evaluation
5. Public reporting

1.4 Implementation of the external evaluation

Five Evaluation Panels

Five evaluation panels consisted of independent, renowned and highly respected experts. The main domains of the panels are:

1. biological, agricultural and veterinary sciences
2. medicine, biomedicine and health sciences
3. natural sciences
4. humanities
5. social sciences

The University invited 10 renowned scientists to act as chairs or vice-chairs of the five panels based on the suggestions of faculties and independent institutes. Besides leading the work of the panel, an additional role of the chairs was to discuss with other panel chairs in order to adopt a broadly similar approach. The panel chairs and vice-chairs had a pre-meeting on 27 May 2011 in Amsterdam.

The panel compositions were nominated by the Rector of the University 27 April 2011. The participating RCs suggested the panel members. The total number of panel members was 50. The reason for a smaller number of panellists as compared to the previous evaluations was the character of the evaluation as a meta-evaluation. The panellists did not read research reports or abstracts but instead, they evaluated answers to the evaluation questions, tables and compilations of publications, other scientific activities, bibliometrics and comparable analyses.

The panel meetings were held in Helsinki:

- On 11–13 September 2011: (1) biological, agricultural and veterinary sciences, (2) medicine, biomedicine and health sciences and (3) natural sciences.
- On 18–20 September 2011: (4) humanities and (5) social sciences.

⁵ TUHAT (acronym) of Research Information System (RIS) of the University of Helsinki

⁶ Supervision of thesis, prizes and awards, editorial work and peer reviews, participation in committees, boards and networks and public appearances.

1.5 Evaluation material

The main material in the evaluation was the RCs' self-evaluations that were qualitative in character and allowed the RCs to choose what was important to mention or emphasise and what was left unmentioned.

The present evaluation is exceptional at least in the Finnish context because it is based on both the evaluation documentation (self-evaluation questions, publications and other scientific activities) and the bibliometric reports. All documents were delivered to the panellists for examination.

Traditional bibliometrics can be reasonably done mainly in medicine, biosciences and natural sciences when using the Web of Science database, for example. Bibliometrics, provided by CWTS/The Centre for Science and Technology Studies, University of Leiden, cover only the publications that include WoS identification in the TUHAT-RIS.

Traditional bibliometrics are seldom relevant in humanities and social sciences because the international comparable databases do not store every type of high quality research publications, such as books and monographs and scientific journals in other languages than English. The Helsinki University Library has done analysis to the RCs, if their publications were not well represented in the Web of Science databases (RCs should have at least 50 publications and internal coverage of publications more than 40%) – it meant 58 RCs. The bibliometric material for the evaluation panels was available in June 2011. The RC-specific bibliometric reports are attached at the end of each report.

The panels were provided with the evaluation material and all other necessary background information, such as the basic information about the University of Helsinki and the Finnish higher education system.

Evaluation material

1. Registration documents of the RCs for the background information
2. Self evaluation material – answers to the evaluation questions
3. Publications and other scientific activities based on the TUHAT RIS:
 - 3.1. statistics of publications
 - 3.2. list of publications
 - 3.3. statistics of other scientific activities
 - 3.4. list of other scientific activities
4. Bibliometrics and comparable analyses:
 - 4.1. Analyses of publications based on the verification of TUHAT-RIS publications with the Web of Science publications (CWTS/University of Leiden)
 - 4.2. Publication statistics analysed by the Helsinki University Library - mainly for humanities and social sciences
5. University level survey on doctoral training (August 2011)
6. University level analysis on publications 2005–2010 (August 2011) provided by CWTS/University of Leiden

Background material

University of Helsinki

- [Basic information about the University of the Helsinki](#)
- [The structure of doctoral training at the University of Helsinki](#)
- Previous evaluations of research at the University of Helsinki – links to the reports: [1998](#) and [2005](#)

The Finnish Universities/Research Institutes

- [Finnish University system](#)
- [Evaluation of the Finnish National Innovation System](#)
- [The State and Quality of Scientific Research in Finland. Publication of the Academy of Finland 9/09.](#)

The evaluation panels were provided also with other relevant material on request before the meetings in Helsinki.

1.6 Evaluation questions and material

The participating RCs answered the following evaluation questions which are presented according to the evaluation form. In addition, TUHAT RIS was used to provide the **additional material** as explained. For giving the feedback to the RCs, the panellists received the evaluation feedback form constructed in line with the evaluation questions:

1. Focus and quality of the RC's research

- Description of
 - the RC's research focus.
 - the quality of the RC's research (incl. key research questions and results)
 - the scientific significance of the RC's research in the research field(s)
- Identification of the ways to strengthen the focus and improve the quality of the RC's research

The additional material: TUHAT compilation of the RC's publications, analysis of the RC's publications data (provided by University of Leiden and the Helsinki University Library)

A written feedback from the aspects of: scientific quality, scientific significance, societal impact, innovativeness

- Strengths
- Areas of development
- Other remarks
- Recommendations

Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)

2. Practises and quality of doctoral training

- Organising of the doctoral training in the RC. Description of the RC's principles for:
 - recruitment and selection of doctoral candidates
 - supervision of doctoral candidates
 - collaboration with faculties, departments/institutes, and potential graduate schools/doctoral programmes
 - good practises and quality assurance in doctoral training
 - assuring of good career perspectives for the doctoral candidates/fresh doctorates
- Identification of the RC's strengths and challenges related to the practises and quality of doctoral training, and the actions planned for their development.

The additional material: TUHAT compilation of the RC's other scientific activities/supervision of doctoral dissertations

A written feedback from the aspects of: processes and good practices related to leadership and management

- Strengths
- Areas of development
- Other remarks
- Recommendations

Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)

3. The societal impact of research and doctoral training

- Description on how the RC interacts with and contributes to the society (collaboration with public, private and/or 3rd sector).
- Identification of the ways to strengthen the societal impact of the RC's research and doctoral training.

The additional material: TUHAT compilation of the RC's other scientific activities.

A written feedback from the aspects of: societal impact, national and international collaboration, innovativeness

- Strengths
- Areas of development
- Other remarks
- Recommendations

Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)

4. International and national (incl. intersectoral) research collaboration and researcher mobility

- Description of
 - the RC's research collaborations and joint doctoral training activities
 - how the RC has promoted researcher mobility
- Identification of the RC's strengths and challenges related to research collaboration and researcher mobility, and the actions planned for their development.

A written feedback from the aspects of: scientific quality, national and international collaboration

- Strengths
- Areas of development
- Other remarks
- Recommendations

Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)

5. Operational conditions

- Description of the operational conditions in the RC's research environment (e.g. research infrastructure, balance between research and teaching duties).
- Identification of the RC's strengths and challenges related to operational conditions, and the actions planned for their development.

A written feedback from the aspects of: processes and good practices related to leadership and management

- Strengths
- Areas of development
- Other remarks
- Recommendations

6. Leadership and management in the researcher community

- Description of
 - the execution and processes of leadership in the RC
 - how the management-related responsibilities and roles are distributed in the RC
 - how the leadership- and management-related processes support
 - high quality research
 - collaboration between principal investigators and other researchers in the RC
 - the RC's research focus
 - strengthening of the RC's know-how
- Identification of the RC's strengths and challenges related to leadership and management, and the actions planned for developing the processes

7. External competitive funding of the RC

- The RCs were asked to provide information of such external competitive funding, where:
 - the funding decisions have been made during 1.1.2005-31.12.2010, and
 - the administrator of the funding is/has been the University of Helsinki
- On the e-form the RCs were asked to provide:
 - 1) The relevant funding source(s) from a given list (Academy of Finland/Research Council, TEKES/The Finnish Funding Agency for Technology and Innovation , EU, ERC, foundations, other national funding organisations, other international funding organisations), and
 - 2) The total sum of funding which the organisation in question had decided to allocate to the RCs members during 1.1.2005–31.12.2010.

Competitive funding reported in the text is also to be considered when evaluating this point.

A written feedback from the aspects of: scientific quality, scientific significance, societal impact, innovativeness, future significance

- Strengths
- Areas of development
- Other remarks
- Recommendations

8. The RC's strategic action plan for 2011–2013

- RC's description of their future perspectives in relation to research and doctoral training.

A written feedback from the aspects of: scientific quality, scientific significance, societal impact, processes and good practices related to leadership and management, national and international collaboration, innovativeness, future significance

- Strengths
- Areas of development

- Other remarks
- Recommendations

9. Evaluation of the category of the RC in the context of entity of the evaluation material (1-8)

The RC's fitness to the chosen participation category

A written feedback evaluating the RC's fitness to the chosen participation category

- Strengths
- Areas of development
- Other remarks
- Recommendations

Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)

10. Short description of how the RC members contributed the compilation of the stage 2 material

Comments on the compilation of evaluation material

11. How the UH's focus areas are presented in the RC's research?

Comments if applicable

12. RC-specific main recommendations based on the previous questions 1-11

13. RC-specific conclusions

1.7 Evaluation criteria

The panellists were expected to give evaluative and analytical feedback to each evaluation question according to their aspects in order to describe and justify the quality of the submitted material. In addition, the evaluation feedback was asked to be pointed out the level of the performance according to the following classifications:

- outstanding (5)
- excellent (4)
- very good (3)
- good (2)
- sufficient (1)

Evaluation according to the criteria was to be made with thorough consideration of the entire evaluation material of the RC in question. Finally, in questions 1-4 and 9, the panellists were expected to classify their written feedback into one of the provided levels (the levels included respective descriptions, 'criteria'). Some panels used decimals in marks. The descriptive level was interpreted according to the integers and not rounding up the decimals by the editors.

Description of criteria levels

Question 1 – FOCUS AND QUALITY OF THE RC'S RESEARCH

Classification: Criteria (level of procedures and results)

Outstanding quality of procedures and results (5)

Outstandingly strong research, also from international perspective. Attracts great international interest with a wide impact, including publications in leading journals and/or monographs published by leading international publishing houses. The research has world leading qualities. The research focus, key research questions scientific significance, societal impact and innovativeness are of outstanding quality.

In cases where the research is of a national character and, in the judgement of the evaluators, should remain so, the concepts of "international attention" or "international impact" etc. in the grading criteria above may be replaced by "international comparability".

Operations and procedures are of outstanding quality, transparent and shared in the community. The improvement of research and other efforts are documented and operations and practices are in alignment with the documentation. The ambition to develop the community together is of outstanding quality.

Excellent quality of procedures and results (4)

Research of excellent quality. Typically published with great impact, also internationally. Without doubt, the research has a leading position in its field in Finland.

Operations and procedures are of excellent quality, transparent and shared in the community. The improvement of research and other efforts are documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of excellent quality.

Very good quality of procedures and results (3)

The research is of such very good quality that it attracts wide national and international attention.

Operations and procedures are of very good quality, transparent and shared in the community. The improvement of research and other efforts are documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of very good quality.

Good quality of procedures and results (2)

Good research attracting mainly national attention but possessing international potential, extraordinarily high relevance may motivate good research.

Operations and procedures are of good quality, shared occasionally in the community. The improvement of research and other efforts are occasionally documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of good quality.

Sufficient quality of procedures and results (1)

In some cases the research is insufficient and reports do not gain wide circulation or do not have national or international attention. Research activities should be revised.

Operations and procedures are of sufficient quality, shared occasionally in the community. The improvement of research and other efforts are occasionally documented and operations and practices are to some extent in alignment with the documentation. The ambition to develop the community together is of sufficient quality.

Question 2 – DOCTORAL TRAINING

Question 3 – SOCIETAL IMPACT

Question 4 – COLLABORATION

Classification: Criteria (level of procedures and results)

Outstanding quality of procedures and results (5)

Procedures are of outstanding quality, transparent and shared in the community. The practices and quality of doctoral training/societal impact/international and national collaboration/leadership and management are documented and operations and practices are in alignment with the documentation. The ambition to develop the community together is of outstanding quality. The procedures and results are regularly evaluated and the feedback has an effect on the planning.

Excellent quality of procedures and results (4)

Procedures are of excellent quality, transparent and shared in the community. The practices and quality of doctoral training/societal impact/international and national collaboration/leadership and management are documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of excellent quality. The procedures and outcomes are evaluated and the feedback has an effect on the planning.

Very good quality of procedures and results (3)

Procedures are of very good quality, transparent and shared in the community. The practices and quality of doctoral training/societal impact/international and national collaboration/leadership and

management are documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of very good quality.

Good quality of procedures and results (2)

Procedures are of good quality, shared occasionally in the community. The practices and quality of doctoral training/societal impact/international and national collaboration/leadership and management are documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of good quality.

Sufficient quality of procedures and results (1)

Procedures are of sufficient quality, transparent and shared in the community. The practices and quality of doctoral training/societal impact/international and national collaboration/leadership and management are occasionally documented and operations and practices are to some extent in alignment with the documentation. The ambition to develop the community together is of sufficient quality.

Question 9 – CATEGORY

Participation category – fitness for the category chosen

The choice and justification for the chosen category below should be reflected in the RC's responses to the evaluation questions 1–8.

1. *The research of the participating community represents the international cutting edge in its field.*
2. *The research of the participating community is of high quality, but the community in its present composition has yet to achieve strong international recognition or a clear break-through.*
3. *The research of the participating community is distinct from mainstream research, and the special features of the research tradition in the field must be considered in the evaluation.* The research is of high quality and has great significance and impact in its field. However, the generally used research evaluation methods do not necessarily shed sufficient light on the merits of the research.
4. *The research of the participating community represents an innovative opening.* A new opening can be an innovative combination of research fields, or it can be proven to have a special social, national or international demand or other significance. Even if the researcher community in its present composition has yet to obtain proof of international success, its members can produce convincing evidence of the high level of their previous research.
5. *The research of the participating community has a highly significant societal impact.* The participating researcher community is able to justify the high social significance of its research. The research may relate to national legislation, media visibility or participation in social debate, or other activities promoting social development and human welfare. In addition to having societal impact, the research must be of a high standard.

An example of outstanding fitness for category choice (5)⁷

The RC's representation and argumentation for the chosen category were convincing. The RC recognized its real capacity and apparent outcomes in a wider context to the research communities. The specific character of the RC was well-recognized and well stated in the responses. The RC fitted optimally for the category.

- Outstanding (5)
- Excellent (4)
- Very good (3)
- Good (2)
- Sufficient (1)

The above-mentioned definition of outstanding was only an example in order to assist the panellists in the positioning of the classification. There was no exact definition for the category fitness.

⁷ The panels discussed the category fitness and made the final conclusions of the interpretation of it.

1.8 Timetable of the evaluation

The main timetable of the evaluation:

- | | |
|--|-----------------------|
| 1. Registration | November 2010 |
| 2. Submission of self-evaluation materials | January–February 2011 |
| 3. External peer review | May–September 2011 |
| 4. Published reports | March–April 2012 |
| - University level public report | |
| - RC specific reports | |

The entire evaluation was implemented during the university's strategy period 2010–2012. The preliminary results were available for the planning of the following strategy period in late autumn 2011. The evaluation reports will be published in March/April 2012. More detailed time schedule is published in the University report.

1.9 Evaluation feedback – consensus of the entire panel

The panellists evaluated all the RC-specific material before the meetings in Helsinki and mailed the draft reports to the evaluation office. The latest interim versions were on-line available to all the panellists on the Wiki-sites. In September 2011, in Helsinki the panels discussed the material, revised the first draft reports and decided the final numeric evaluation. After the meetings in Helsinki, the panels continued working and finalised the reports before the end of November 2011. The final RC-specific reports are the consensus of the entire panel.

The evaluation reports were written by the panels independently. During the editing process, the evaluation office requested some clarifications from the panels when necessary. The tone and style in the reports were not harmonized in the editing process. All the reports follow the original texts written by the panels as far as it was possible.

The original evaluation material of the RCs, provided for the panellists is attached at the end of the report. It is essential to notice that the exported lists of publications and other scientific activities depend how the data was stored in the TUHAT-RIS by the RCs.

2 Evaluation feedback

2.1 Focus and quality of the RC's research

- *Description of*
 - *the RC's research focus*
 - *the quality of the RC's research (incl. key research questions and results)*
 - *the scientific significance of the RC's research in the research field(s)*
- *Identification of the ways to strengthen the focus and improve the quality of the RC's research*

ASPECTS: Scientific quality, scientific significance, societal impact, innovativeness

Strengths

The RC clearly shares common goals and epistemic values: the use of logic, conceptual analysis and close scrutiny of the practice of science in order to study foundational notions such as proof, truth, intentional action, cooperation, etc., with the ultimate goal of achieving a better understanding of scientific methods and explanations in their various forms. The RC houses internationally renowned lines of research.

Other remarks

The philosophical roots of the research community trace back to the two “founding fathers” of the analytic school of Finnish philosophy. Most of the senior researchers in the community have worked with one or both of these philosophers and continued their line of work. Does this mean no new lines of research have been developed?

Recommendations

The RC should think of enhancing external (EU-) funding.

Numeric evaluation: 4 (Excellent)

2.2 Practises and quality of doctoral training

- *Organising of the doctoral training in the RC. Description of the RC's principles for:*
 - *recruitment and selection of doctoral candidates*
 - *supervision of doctoral candidates*
 - *collaboration with faculties, departments/institutes, and potential graduate schools/doctoral programmes*
 - *good practises and quality assurance in doctoral training*
 - *assuring of good career perspectives for the doctoral candidates/fresh doctorates*
- *Identification of the RC's strengths and challenges related to the practises and quality of doctoral training, and the actions planned for their development.*
- *Additional material: TUHAT compilation of the RC's other scientific activities/supervision of doctoral dissertations*

ASPECTS: Processes and good practices related to leadership and management

Strengths

The RC has well developed procedures for the PhD-training. All entering doctoral students are required to draw up an individual research/study plan, which is checked and updated as the student advances in his or her studies. Periodic assessments of progress form an important part of quality assurance.

Research seminars arranged by the RC offer doctoral students an opportunity to present work in progress and to receive feedback from faculty as well as other students.

The RC strongly encourages doctoral students to develop professional skills, and to build up profiles that would ideally fit a number of different career paths.

Areas of development

Each student is assigned a personal supervisor, who oversees the quality of the work produced by the student. Fortunately, the RC will develop its practices of supervision by introducing so called supervision panels: each doctoral student will be assigned a supervision committee of 3-5 members, each of whom have different areas of expertise. This is an important improvement.

Other remarks

The evaluation material does not give insights in the number of Ph.D.-students, their success/drop out rate and the amount of time the average Ph.D.-student take to finish his/her thesis.

Numeric evaluation: 3 (Very good)

2.3 The societal impact of research and doctoral training

- *Description on how the RC interacts with and contributes to the society (collaboration with public, private and/or 3rd sector).*
- *Identification of the ways to strengthen the societal impact of the RC's research and doctoral training.*
- *Additional material: TUHAT compilation of the RC's other scientific activities.*

ASPECTS: Societal impact, national and international collaboration, innovativeness

Strengths

Most of the research conducted within the RC is in an important sense basic research. The RC is well aware that it has play an important role in the wider academic and intellectual life in Finland. Members of the RC have contributed to the public understanding of science via popular science books, radio programmes, interviews and public addresses.

The research of the RC has produced novel insights into managing and assessing interdisciplinary research, e.g., in clarifying the potential relevance of biological knowledge to the social sciences, thus identifying much-needed criteria for research funding in this area.

Areas of development

One can only fully support the RC's ambition to be more active in the future in initiating public debates, and proposing discussion themes which have far reaching consequences for the understanding of the significance of scientific methodology and rationality.

Numeric evaluation: 4 (Excellent)

2.4 International and national (incl. intersectoral) research collaboration and researcher mobility

- *Description of*
 - *the RC's research collaborations and joint doctoral training activities*
 - *how the RC has promoted researcher mobility*
- *Identification of the RC's strengths and challenges related to research collaboration and researcher mobility, and the actions planned for their development.*

ASPECTS: Scientific quality, national and international collaboration

Strengths

The RC has well established links with international top institutions. The RC promotes researcher mobility by maintaining and strengthening their cooperation network, by organizing short visits for the exchange and the disseminating of research results, and by organizing high profile, interdisciplinary research conferences and workshops.

Areas of development

The RC should be more active in attracting funding for their international collaboration (EU: Marie Curie Funding)

Recommendations

See above.

Numeric evaluation: 4 (Excellent)

2.5 Operational conditions

- *Description of the operational conditions in the RC's research environment (e.g. research infrastructure, balance between research and teaching duties).*
- *Identification of the RC's strengths and challenges related to operational conditions, and the actions planned for their development.*

ASPECTS: Processes and good practices related to leadership and management

Strengths

All those affiliated with the University of Helsinki are located in the 5th and 6th floors of one of the University's buildings. This allows for various forms of close cooperation, such as arranging joint courses, seminars and research meetings, as well as engaging in formal and informal discussions with peers.

Other remarks

The RC mentions the university reform, along with various other administrative practices recently adopted, as a cause for an increasing administrative burden on those belonging to permanent faculty. However, no strategy is suggested to adapt to the changing environment.

2.6 Leadership and management in the researcher community

- *Description of*
 - *the execution and processes of leadership in the RC*
 - *how the management-related responsibilities and roles are distributed in the RC*
 - *how the leadership- and management-related processes support*
 - *high quality research*
 - *collaboration between principal investigators and other researchers in the RC*
 - *the RC's research focus*
 - *strengthening of the RC's know-how*
- *Identification of the RC's strengths and challenges related to leadership and management, and the actions planned for developing the processes*

ASPECTS: Processes and good practices related to leadership and management

Strengths

The structure of leadership and management within the RC is informal, which seems to work well for the RC.

2.7 External competitive funding of the RC

- *The RCs were asked to provide information of such external competitive funding, where:*
 - *the funding decisions have been made during 1.1.2005–31.12.2010, and*
 - *the administrator of the funding is/has been the University of Helsinki*
- *On the e-form the RCs were asked to provide:*
 - 1) *The relevant funding source(s) from a given list (Academy of Finland/Research Council, TEKES/The Finnish Funding Agency for Technology and Innovation, EU, ERC, foundations, other national funding organisations, other international funding organizations), and*
 - 2) *The total sum of funding which the organisation in question had decided to allocate to the RCs members during 1.1.2005–31.12.2010.*

Competitive funding reported in the text is also to be considered when evaluating this point.

ASPECTS: Scientific quality, scientific significance, societal impact, innovativeness and future significance

Strengths

In the period under question, the RC has managed to gain an impressive amount of funds.

Areas of development

Room for improvement is available, especially on the European level (Marie Curie and ERC).

Recommendations

See above.

2.8 The RC's strategic action plan for 2011–2013

- *RC's description of their future perspectives in relation to research and doctoral training.*

ASPECTS: Scientific quality, scientific significance, societal Impact, processes and good practices related to leadership and management, national and international collaboration, innovativeness, future significance

Strengths

The RC has clearly defined what it wants to improve. The RC has set realistic goals.

Areas of development

The RC is well aware that it should explore new avenues of funding (including ESF and ERC funding), and that it has to strengthen co-operation with Aalto University as well as seek ERC and TEKES funding. The RC will make an effort to attract international visitors of high caliber via the FiDiPro programme, as well as to strengthen its cooperation with HIST and the rest of the science studies community in Finland.

The RC will develop its practices of supervision by introducing so called supervision panels: each doctoral student will be assigned a supervision committee of 3-5 members, each of whom have different areas of expertise. This is an important improvement.

Recommendations

The plans of the RC on a European level should become more concrete.

2.9 Evaluation of the category of the RC in the context of entity of the evaluation material (1-8)

The RC's fitness to the chosen participation category.

Category 1. The research of the participating community represents the international cutting edge in its field.

Other remarks

The panel is not very happy with the 5 participation categories, which does not seem to take into account the existence of high quality, solid research based on long traditions and well established research lines. The RC has chosen a category that reflects its ambitions, but according to the panel it goes too far to describe the research of the RC as "cutting edge". The research of the RC is undoubtedly of high quality, but also a result of a well established research line. One can sympathize with the RC for having no other option than to place itself in category 1, but it does not reflect its true position.

Numeric evaluation: 4 (Excellent)

2.10 Short description of how the RC members contributed the compilation of the stage 2 material

Other remarks

Each of the items has been circulated among the principal investigators of each main subgroup of the RC, who have provided the appropriate inputs concerning their group. The responsible person of the research community has then compiled all the contributions into one single document per item and sent it back for comments and approval by the principal investigators. The final document was compiled after several such rounds.

2.11 How the UH's focus areas are presented in the RC's research

Focus area 4: The thinking and learning human being

2.12 RC-specific main recommendations

See above.

2.13 RC-specific conclusions

See above.

3 Appendices

- A. Original evaluation material
 - a. Registration material – Stage 1
 - b. Answers to evaluation questions – Stage 2
 - c. List of publications
 - d. List of other scientific activities
- B. Bibliometric analyses
 - a. Analysis provided by CWTS/University of Leiden
 - b. Analysis provided by Helsinki University Library (66 RCs)



International evaluation of research and doctoral training
at the University of Helsinki 2005-2010

RC-SPECIFIC MATERIAL FOR THE PEER REVIEW

NAME OF THE RESEARCHER COMMUNITY:

Logic, methodology, and philosophy of science (LMPS)

LEADER OF THE RESEARCHER COMMUNITY:

Professor Gabriel Sandu, Theoretical Philosophy, Department of Philosophy, History, Culture
and Art Studies

RC-SPECIFIC MATERIAL FOR THE PEER REVIEW:

- Material submitted by the RC at stages 1 and 2 of the evaluation
 - STAGE 1 material: RC's registration form (incl. list of RC participants in an excel table)
 - STAGE 2 material: RC's answers to evaluation questions
- TUHAT compilations of the RC members' publications 1.1.2005-31.12.2010
- TUHAT compilations of the RC members' other scientific activities 1.1.2005-31.12.2010
- UH Library analysis of publications data 1.1.2005-31.12.2010 – results of UH Library analysis will be available by the end of June 2011

NB! Since Web of Science(WoS)-based bibliometrics does not provide representative results for most RCs representing humanities, social sciences and computer sciences, the publications of these RCs will be analyzed by the UH Library (results available by the end of June, 2011)



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RC-SPECIFIC STAGE 1 MATERIAL (registration form)

1 RESPONSIBLE PERSON

Name: Sandu, Gabriel

E-mail:

Phone: 0504154810

Affiliation: University of Helsinki

Street address: Unioninkatu 40 A

2 DESCRIPTION OF THE PARTICIPATING RESEARCHER COMMUNITY (RC)

Name of the participating RC (max. 30 characters): Logic, methodology, and philosophy of science

Acronym for the participating RC (max. 10 characters): LMPS

Description of the operational basis in 2005-2010 (eg. research collaboration, joint doctoral training activities) on which the RC was formed (MAX. 2200 characters with spaces): The research community shares common goals and epistemic values: the use of logic, conceptual analysis and close scrutiny of the practice of science in order to study foundational notions such as proof, truth, intentional action, cooperation, etc., with the ultimate goal of achieving a better understanding of scientific methods and explanations in their various forms.

The philosophical roots of the research community trace back to the two "founding fathers" of the analytic school of Finnish philosophy, philosophers G.H. von Wright and Jaakko Hintikka. Most of the senior researchers in the community have worked with one or both of these philosophers and continued their line of work.

The following division of labour has developed over the years among the members of the research community.

- The logic group in theoretical philosophy and filosofi splits into three sub-divisions: (i) proof theory, (ii) logic and philosophy of language, and (iii) early analytic philosophy. The group runs a research seminar, where original results are presented by young researchers and top national and international scholars. The seminar also serves as a forum for training local doctoral students, as well for hosting a broad range of visitors, students and advanced scholars (ERASMUS, CIMO, bilateral agreements), who come from abroad.
- The philosophy of science group in theoretical and practical philosophy centers around three projects: Trends and Tensions in Intellectual Integration (www.helsinki.fi/tint), Models and Mechanisms and Collective Intentionality. This group has its own research seminar, periodical coordination meetings, and



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RC-SPECIFIC STAGE 1 MATERIAL (registration form)

a joint intranet workspace. The group routinely organizes workshops and conferences (see www.helsinki.fi/tint/events), and is now shortlisted as one of the Centres of Excellence by the Academy of Finland.

There is substantive and active cooperation between the different sub-divisions identified above: joint publications, co-supervised doctoral dissertations and joint projects involving senior researchers. The students enrolled in the programme attend seminars organized by each group along with members of the faculty.

3 SCIENTIFIC FIELDS OF THE RC

Main scientific field of the RC's research: humanities

RC's scientific subfield 1: Philosophy

RC's scientific subfield 2: History and Philosophy of Science

RC's scientific subfield 3: Social Sciences, Interdisciplinary

RC's scientific subfield 4: Language and Linguistics Theory

Other, if not in the list: Logic, philosophy of logic, foundations of mathematics, game-theory, philosophy of economics

4 RC'S PARTICIPATION CATEGORY

Participation category: 1. Research of the participating community represents the international cutting edge in its field

Justification for the selected participation category (MAX. 2200 characters with spaces): Logic Negri and von Plato have published a well-known book *Structural Proof Theory* (Cambridge UP 2001; paperback 2008) and a new book *Proof Analysis: A Contribution to Hilbert's Last Problem* (Cambridge UP 2011, in press), and several dozen articles in leading logical journals. Their doctoral students have published results in first-tier journals and important conference proceedings. The research programme initiated by Sandu is synthesized in *Independence-Friendly Logic: A Game-Theoretic Approach* (Cambridge UP, 2011, in press). Sandu has been the Director of Research at CNRS (IHPST-Paris), and is presently an associated partner in the CR project LINT funded by ESF (<http://www.ilic.uva.nl/lint/people.php>). He is the area editor for logic and mathematics of the journal *Synthese*. The other senior members of the group, Pietarinen and Raatikainen, have a very strong international publication record.

Philosophy of science

Uskali Mäki is presently an Academy Professor at the Academy of Finland. He is a founding member of the Executive Board and the former Chairperson of the International Network for Economic Method; the former editor of the *Journal of Economic Methodology*; a member in the editorial boards of eight international journals, and the editor of various anthologies and handbooks in philosophy of economics (from Cambridge and Oxford UP). Raimo Tuomela is the editor-in-chief of the academic book series *Studies*



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in the Philosophy of Sociality (Springer) as well as a member of the editorial boards of several journals and book series. Tuomela has published numerous books including *The Philosophy of Sociality: The Shared Point of View* (Oxford UP, 2007). Matti Sintonen is the director of several Nordic and Finnish research projects, which have resulted in the creation of a strong research environment. These projects overlap with Mäki's project TINT, forming a larger consortium which has established itself as an internationally highly regarded research centre in the philosophy of social sciences. Its members have published on scientific explanation, mechanisms, modelling, simulation and social ontology in all the top journals in philosophy of science.

5 DESCRIPTION OF THE RC'S RESEARCH AND DOCTORAL TRAINING

Public description of the RC's research and doctoral training (MAX. 2200 characters with spaces): 1. Logic

1.1. Proof theory

There are two principal investigators, Prof. Jan von Plato and Dr. Sara Negri. Negri has been active in the field of philosophical logic (modal, tense, and epistemic logic), and has developed a generally recognized approach of her own which has led to joint work with several doctoral students. Von Plato has worked extensively on the development of logic and foundations. These results have inspired many doctoral students (Kanckos, von Boguslawski, Hakli, Boretti, Mafezzioli).

1.2. Logic, philosophy of language, and early analytic philosophy

There are several principal investigators, Prof. Ilkka Niiniluoto, Prof. Ahti-Veikko Pietarinen, Prof. Gabriel Sandu, and Doc. Panu Raatikainen. They have worked on issues related to logical semantics, logic and games, and truth and inductive logic in their systematic and historical connections. (Other members include: Aarnio, Holm, Hämäri, Keinänen, Kuusela, Pantsar, Tulenheimo.) This work bears strong connections to the work done in history of logic and early analytic philosophy (Korhonen, Hartimo, Appelqvist, Nurmi, Roinila). Sandu's recent work on probabilistic logic, and Niiniluoto's work on scientific realism, also has substantial points of contact with (2).

2. Philosophy of Science

There are several principal investigators forming a closely interacting research group. Academy Professor Uskali Mäki leads TINT (Trends and Tensions in Intellectual Integration) which investigates interdisciplinarity-related issues in philosophy of science, cross-disciplinary use of models, and the extent to which unity of science can be seen as an epistemic virtue (Kuorikoski, Lehtinen, Marchionni, Pöyhönen and Ylikoski). Prof. Matti Sintonen's research project Modeling Mechanisms brings together two currents in recent philosophy of science: the nature and role of models and simulations in science, and the revived interest in mechanisms as a pattern of explanation (Knuuttila, Mansnerus, Raerinne and Rusanen). Prof. (emeritus) Raimo Tuomela directs research (Hakli, Miller, Mäkelä, Laitinen, Salmela) on collective intentionality and its applications to social scientific research.

Significance of the RC's research and doctoral training for the University of Helsinki (MAX. 2200 characters with spaces): The logic group in the consortium has attracted a number of internationally



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distinguished scholars who come to present and exchange results in the logic seminar. The group receives visitors from abroad, students and advanced scholars (Boretti, Mafezzioli, Naibo, Dyckhoff), who stay in Helsinki for extensive periods of time to work with the members of the logic group. The group is hosting two research projects (by von Plato and Sandu), two senior research positions (Negri, Raatikainen), and three junior research positions (Korhonen, Hartimo, Appelqvist). Two new research positions will open on January 1, 2011 (Tahko, Roinila). The projects, funded by the Academy of Finland, bring a substantive amount of external funding to the University.

The philosophy of science group has attracted a considerable amount of funding from the Academy of Finland in the form of a variety of research projects and a senior research position (Ylikoski).

Prof. Sintonen has served as a director of a number of Nordic and Finnish research groups, which has created a strong research environment, the institutional outcome of which has been the establishment of EPSA (European Philosophy of Science Association) in Helsinki in 2006. Since the appointment of Uskali Mäki to an Academy Professorship, Sintonen's research groups have merged with Mäki's TINT project into a POS/TINT consortium. The consortium has attracted many visiting doctoral students from leading philosophy of science units (EIPE, LSE, Chicago, UVA), and is now short-listed for a status of a Centre of Excellence of the Academy of Finland, which would considerably boost the research status (and funding) of the University. The consortium will host the INEM 2011 and Models and Simulations 2012 meetings.

Keywords: proof, Hilbert's program, truth, explanation, intentionality, realism, cooperation, modelling, game theory, game-theoretical semantics, modal logic, early analytic philosophy, IF logic.

6 QUALITY OF RC'S RESEARCH AND DOCTORAL TRAINING

Justified estimate of the quality of the RC's research and doctoral training at national and international level during 2005-2010 (MAX. 2200 characters with spaces): The research of the RC is of the highest quality. The principal investigators have published monographs and anthologies with, e.g., Cambridge and Oxford UP, which are widely considered to be the best in the field. Most of the research personnel have publications in category A (ERIH) journals. Doctoral training is efficient: although it lacks the resources of the PhD programmes of larger institutions, PhD candidates have been consistently awarded very high grades.

Comments on how the RC's scientific productivity and doctoral training should be evaluated (MAX. 2200 characters with spaces): RC's primary aim is to publish in top international peer-reviewed philosophy journals. We suggest following the journal ranking of the European Reference Index for

Humanities in conducting the evaluation. In evaluating PhD training, the high academic standard and the large scope of typical Finnish PhD theses should be taken into account when evaluating the turnover rate.

Scientific contributions in the form of monographs, handbook and anthology chapters are standard in philosophy but the general method of metrics does not always tell their significance. Alternative methods of evaluation like interviews by a panel committee would be more appropriate in this case. This method would be also more appropriate for evaluating contributions in languages other than English.

LIST OF RC MEMBERS

NAME OF THE RESEARCHER COMMUNITY:			LMPs		
RC-LEADER			G. Sandu		
CATEGORY			1		
	Last name	First name	PI-status (TUHAT, 29.11.2010)	Title of research and teaching personnel	Affiliation
1	Aarnio	Ville		Doctoral candidate	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
2	Appelqvist	Hanne	x	Postdoctoral Researcher	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
3	Aydinonat	Emrah		Postdoctoral Researcher	Faculty of Social Studies, Department of Political and Economic Studies
4	Grüne-Yanoff	Till		Senior researcher	Faculty of Social Studies, Department of Political and Economic Studies
5	Hakli	Raul		Doctoral candidate	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
6	Hartimo	Mirja	x	Postdoctoral Researcher	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
7	Hämäri	Severi		Doctoral candidate	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
8	Kanckos	Annika		Doctoral candidate	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
9	Keinänen	Markku		Doctoral candidate	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
10	Knuuttila	Tarja		Senior researcher	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
11	Kokkonen	Tomi		Doctoral candidate	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
12	Korhonen	Anssi		University researcher	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
13	Koskinen	Inkeri		Doctoral candidate	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
14	Kuorikoski	Jaakko		Postdoctoral Researcher	Faculty of Social Studies, Department of Political and Economic Studies
15	Kuusela	Antti		Doctoral candidate	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
16	Laitinen	Arto	x	Postdoctoral Researcher	Faculty of Social Studies, Department of Political and Economic Studies
17	Lammenranta	Markus	x	University Lecturer	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
18	Lanteri	Alessandro		Postdoctoral Researcher	Faculty of Social Studies, Department of Political and Economic Studies
19	Lehtinen	Aki		Postdoctoral Researcher	Faculty of Social Studies, Department of Political and Economic Studies
20	Maffezioli	Paolo		Doctoral candidate	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
21	Mansnerus	Erika		British Academy Fellow	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
22	Marchionni	Caterina		Senior researcher	Faculty of Social Studies, Department of Political and Economic Studies
23	Miller	Kaarlo		Doctoral candidate	Faculty of Social Studies, Department of Political and Economic Studies
24	Mäkelä	Pekka		Doctoral candidate	Faculty of Social Studies, Department of Political and Economic Studies
25	Mäki	Uskali	x	Professor	Faculty of Social Studies, Department of Political and Economic Studies
26	Naibo	Alberto		Doctoral candidate	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
27	Negri	Sara	x	Senior Researcher	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
28	Niiniluoto	Ilkka	x	Professor	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
29	Nurmi	Elina		Doctoral candidate	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
30	Pantsar	Markus		Postdoctoral Researcher	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
31	Pernu	Tuomas		Doctoral candidate	Faculty of Social Studies, Department of Political and Economic Studies
32	Pietarinen	Ahti-Veikko	x	Professor	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies

33	Pihlström	Sami	x	Professor	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
34	Pylkkänen	Paavo		University Lecturer	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
35	Pöyhönen	Samuli		Doctoral candidate	Faculty of Social Studies, Department of Political and Economic Studies
36	Raatikainen	Panu	x	Senior Researcher	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
37	Raerinne	Jani		Doctoral candidate	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
38	Rios	Diego		Senior researcher	Faculty of Social Studies, Department of Political and Economic Studies
39	Ronzitti	Giuseppina		Postdoctoral researcher	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
40	Rusanen	Anna-Mari		Doctoral candidate	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
41	Salmela	Mikko	x	Postdoctoral Researcher	Faculty of Social Studies, Department of Political and Economic Studies
42	Sandu	Gabriel	x	Professor	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
43	Sintonen	Matti	x	Professor	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
44	Styrman	Avril		Doctoral candidate	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
45	Tulenheimo	Tero		Postdoctoral Researcher	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
46	Tuomela	Raimo	x	Professor	Faculty of Social Studies, Department of Political and Economic Studies
47	von Boguslawski	Michael		Doctoral candidate	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
48	Von Plato	Jan	x	Professor	Faculty of Arts, Department of Philosophy, History, Culture and Art Studies
49	Ylikoski	Petri		Senior Researcher	Faculty of Social Studies, Department of Political and Economic Studies



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE
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RC-SPECIFIC STAGE 2 MATERIAL

BACKGROUND INFORMATION

Name of the RC's responsible person: Sandu, Gabriel

E-mail of the RC's responsible person:

Name and acronym of the participating RC: Logic, methodology, and philosophy of science, LMPS

The RC's research represents the following key focus area of UH: 4. Ajatteleva ja oppiva ihminen – The thinking and learning human being

Comments for selecting/not selecting the key focus area: This is a project in systematic, scientific philosophy with an emphasis on methodological aspects and the use of logical tools for the understanding of human rationality and interaction. It fits under the key focus areas 4, 7 and 9.

1 FOCUS AND QUALITY OF RC'S RESEARCH (MAX. 8800 CHARACTERS WITH SPACES)

- **Description of the RC's research focus, the quality of the RC's research (incl. key research questions and results) and the scientific significance of the RC's research for the research field(s).**

1. Logic and proof theory

The group's main investigators are Docent Sara Negri and Professor Jan von Plato who work on proof theory, one of the central areas of logic with a strong tradition in philosophy departments in Scandinavia.

They have launched an internationally renowned line of research known as the method of proof analysis in which axiomatic systems encountered in mathematical and philosophical logic are converted into systems of rules by which proof systems for pure logic are extended. Negri's results lead to a "labelled" proof-theoretical calculus with applications to such topics as modal logic, tense logic, epistemic logic, and the logic of collective attitudes such as group belief and group acceptance. Von Plato has worked on the application of proof analysis to more traditional parts of logic and foundations of mathematics, such as geometry and arithmetic. He has succeeded in completely analyzing the combinatorial possibilities inherent in axiomatizations of some parts of elementary geometry. His work has been continued by Andrea Meinander (doctoral student) and Annika Kanckos (doctoral thesis submitted).

Von Plato has also conducted and supervised historically and philosophically oriented studies, especially on two central figures in logic: Gentzen and Skolem. He has two forthcoming books: "Proof Analysis: A Contribution to Hilbert's Last Problem" with Sara Negri (Cambridge University Press), and "Logical Reasoning: First Principles and Deductive Machinery".

Doctoral training: Bianca Boretti 2007; Raul Hakli 2010 (joint); Annika Knackos (has submitted). Doctoral students: Michael von Boguslawski.

2. Logic, philosophy of language, early analytic philosophy and history of philosophy

The main investigators in this group are Professor Gabriel Sandu (also a Professor of Philosophy, Paris 1, Sorbonne, 2008-9 ; Director of Research, CNRS, 2004-8), Professor Ahti-Veikko Pietarinen, and Associate Professors Panu Raatikainen and Markus Lammenranta.

Sandu's research builds on the pioneering work of Jaakko Hintikka on the applications of game-theoretical methods to the study of logical notions (truth) that has resulted in a new logical framework (IF logic), which has stimulated several recent developments in logic and foundations of mathematics.



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The main results are collected in Mann, Sandu & Sevenster, "Independence-Friendly Logic: A Game-Theoretic Approach" (2011, CUP).

The work of Hintikka and Sandu has been continued by a number of former and current students. Pietarinen has applied the results to quantification in natural language and to the reinterpretation of Charles Peirce's work in logic; Raatikainen has focused on the study of truth, meaning and reference; Tulenheimo (postdoc, 2005-8) has studied the applications of IF logic to modalities. Others currently involved in this line of research are Pantsar (postdoc, 2010-11), Hämäri and Aarnio (doctoral students). The research of Markus Lammenranta in analytic epistemology (scepticism, contextualism) has important contact points with the work done in this tradition.

The logic branch has substantive interactions with a group of younger researchers working in the history of analytic philosophy. This group includes four principal investigators, Hanne Appelqvist (Kant and Wittgenstein), Mirja Hartimo (Husserl's philosophy of mathematics), Anssi Korhonen (Russell), Markku Roinila (Leibniz); and the investigator Elina Nurmi (Frege). Appelqvist, Hartimo, and Nurmi have been trained in top American universities. Publications in this branch include a forthcoming book "Logic as the Universal Science: Bertrand Russell's Early Logicism and Its Philosophical Background" (Palgrave MacMillan) by Korhonen.

Doctoral training: Markku Keinänen (2005); Anssi Korhonen (2008); Markus Pantsar (2009); Antti Kuusela (2010); Ari Peuhu (approved for defence); Francesca Poggiolesi (Paris 1, 2008); Carlo Proietti (Paris 1, 2008); Aranzazu San Gines Ruiz (Paris 1, 2009). Doctoral students: Severi Hämäri; Ville Aarnio; Julien Boyer (Paris 1); Avril Styrman; Lauri Järvilehto.

3. Methodology and Philosophy of Science

3.1. Methodology and philosophy of social action

The leader of this group is Raimo Tuomela, Professor Emeritus at the Department of Political and Economic Studies. He is the Editor-in-Chief of the academic book series "Studies in the Philosophy of Sociality" (Springer), and one of the leading contributors to the study of collective intentionality. Tuomela's project has studied the nature, general conditions and consequences of human sociality. Its major aim is to develop a comprehensive theory of human sociality and cooperation that is supported by, and also ties together, recent empirical studies, which show that people cooperate much more, especially in collective action dilemma situations, than standard rational choice theory predicts. The theory makes important use of group notions and "we-thinking" and thereby challenges the individualistic paradigm currently dominating the social sciences. The project has delivered a series of detailed analyses and arguments concerning conceptual issues in sociality studies which form a substantial, specialized contribution to the investigation of cooperation, collective intentionality, trust, and the evolution of human sociality.

Besides Tuomela, other principal investigators in the group are Mikko Salmela whose work focuses on collective emotions, and Arto Laitinen who works on recognition, solidarity, and social ontology.

Doctoral training: Maj Tuomela (2006); Antti Saaristo (2007, LSE); Antti Kauppinen (2008); Raul Hakli (2010, joint supervision with Sara Negri). Doctoral students: Pekka Mäkelä.

3.2. Methodology and philosophy of science

The research of this group is organized around two overlapping projects in philosophy of science, philosophy of social sciences (especially economics), and philosophy of biology.



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Prof. Matti Sintonen's project Causation and Explanation in Biology and the Human Sciences explores the interface of biology and human sciences. Members of the project (Tomi Kokkonen, Jaakko Kuorikoski, Petri Ylikoski) have studied the interface between explanation in biology, especially evolutionary theory, and explanation in the social sciences, evolutionary psychology and economics, as well theories of cultural evolution. This work has been recently continued by Mansnerus, Knuuttila, Rusanen and Raerinne.

Academy Professor Uskali Mäki's project TINT focuses on model-based reasoning within and around the social sciences. Mäki's work on the analysis of false idealizing modeling assumptions in economic models from a realist perspective constitutes standard reference work. Mäki collaborates with a group of younger researchers (Knuuttila, Kuorikoski, Lehtinen, Marchionni, Grüne-Yanoff) who have published extensively on various aspects of modelling and simulations, their cognitive role and epistemic impact, with an eye on foundational issues in social sciences and game-theory.

Other prominent members of this group include one of the leading proponents of critical scientific realism, Ilkka Niiniluoto (now Chancellor of the University); and Sami Pihlström (now the director of the Helsinki Collegium of Advanced Studies), who has worked on the relationship between pragmatism and realism.

Doctoral training: Tarja Knuuttila (2005); Erika Mansnerus (2006); Sami Paavola (2006); Maj Tuomela (2006); Harri Sahavirta (2006); Aki Lehtinen (Rotterdam, 2009); Antti Saaristo (2007, LSE); Antti Kauppinen (2008); Jakke Holvas (2009); Jaakko Kuorikoski (2010); Jani Raerinne (defending on March 2, 2011).

Doct

• **Ways to strengthen the focus and improve the quality of the RC's research.**

Research contracts are often very short. This makes it difficult to attract first-rate international researchers to work in Finland. The RC will try to pursue funding schemes which make it more attractive for top international researchers to join the group for longer periods.

The RC has also attracted a number of visiting students interested to pursue doctoral studies at the University of Helsinki. It is desirable that some scheme be developed in the future to allow for joint doctoral studies between different universities. That would also make the recruitment of doctoral students more competitive. Both measures are liable to contribute to the improvement of the quality of the RC's research and to its dissemination.

2 PRACTISES AND QUALITY OF DOCTORAL TRAINING (MAX. 8800 CHARACTERS WITH SPACES)

- How is doctoral training organised in the RC? Description of the RC's principles for recruitment and selection of doctoral candidates, supervision of doctoral candidates, collaboration with faculties, departments/institutes, and potential graduate schools/doctoral programmes, good practises and quality assurance in doctoral training, and assuring good career perspectives for the doctoral candidates/fresh doctorates.

Recruitment and selection

All doctoral candidates are admitted by the faculty's Postgraduate Admissions Board after considering reports on the applications supplied by the relevant discipline.

The following criteria, among others, are employed in the process of selecting doctoral candidates:



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- content of the applicant's previous studies in the relevant fields (how well they enable the applicant to study in the target programme).
- grades received in fields related to the programme
- applicant's motivation and suitability for the programme

A successful candidate is generally required to have a Master's degree or an equivalent and a language competence sufficient for completing his or her postgraduate studies.

All candidates seeking admission are required to present a research prospectus which includes a provisional schedule for the completion of the doctoral degree. The prospectus is expected to be written in cooperation with a representative of the relevant discipline (usually, a professor), who also provides information about the availability of supervision, funding and other resources available.

Alongside with the standard admission practices, the members of the RC are actively involved in organizing seminars, workshops and conferences, one important purpose of which is to recruit eligible students. The RC is committed to promoting equal opportunity policy in recruitment without compromising quality and competence criteria.

Supervision

Supervision within the RC is organized, on one hand, between students and their individually assigned supervisors (who are primarily responsible for providing detailed feedback and serving as mentors throughout the student's graduate career); and, on the other hand, around several projects or subject-related research seminars arranged by the RC. The latter offer doctoral students an opportunity to present work in progress and to receive feedback from faculty as well as other students. Some of the ongoing seminars are described below -- the students are encouraged to attend more than one:

The logic seminar (<http://www.helsinki.fi/~negri/seminar.html>) led by Sara Negri, Jan von Plato and Gabriel Sandu offers an opportunity for students and young researchers to present work in progress, to share original results, and to receive feedback from faculty and peers. The students earn credit through regular participation and by preparing a full-length presentation.

The philosophy of science seminar (www.helsinki.fi/tint/seminar) conducted by the philosophy of science group (POS) is the most important platform for doctoral students in philosophy of science. The seminar is conducted in English, and papers are always original research manuscripts intended for publication. POS-seminar frequently hosts international visitors, thus enhancing the international networking of doctoral students.

In addition to these "work-in-progress" seminars the discipline of philosophy hosts a departmental research seminar, which brings together students and faculty from different fields of philosophy. The seminar convenes on Thursdays and serves as the main forum for visiting speakers and scholars. RC members also participate in a number of reading groups, some self-organized and some run by principal investigators.

Collaboration

The RC works in close collaboration with two important national/international research bodies:

- a. The Helsinki Collegium for Advanced Studies
- b. The National Doctoral Programme in Philosophy managed by (the philosophy unit of) the University of Tampere



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The National Doctoral Programme is responsible for organizing several doctoral-level courses annually, which are taught by lecturers invited from abroad. The course offerings are published at: <http://www.uta.fi/laitokset/mattiet/filosofia/tutkijakoulu/index.php>.

The students have the opportunity to participate in national state of the art lecture courses.

The Doctoral Programme has allotted its member institutions and other parties involved in granting doctoral degrees in philosophy with areas of responsibility.

The RC is also involved in Nordic networking: the students can take courses taught in Denmark, Iceland, Norway, and Sweden. Various travel grants are available either through the National Programme or the hosting institution.

The RC encourages cross-disciplinary/co-supervised doctoral degrees, where the points rewarded for the degree are being shared between the disciplines, or departments, participating in the supervision process. (Former or current students who have completed, or are in the process of completing, joint doctoral degrees are: Knuuttila, Mansnerus, Paavola, Hämäri, Hakli, Kuorikoski, Tulenheimo, Mutanen and Salo.)

Good practices and quality assurance

All entering doctoral students are required to draw up an individual research/study plan, which is checked and updated as the student advances in his or her studies. Periodic assessments of progress form an important part of quality assurance. Since 2007, practices have also been in place with which the Faculty of Arts monitors the academic status of all of its doctoral students (their course work and supervision) through the Student Register.

Other important components of quality assurance internal to the discipline are supervision and peer review. Each student is assigned a personal supervisor, who oversees the quality of the work produced by the student. The RC also encourages its students, as well as its other members, to submit their work for external review and to write, when appropriate, in English so that the work can be exposed to standard international referee practices. These practices allow foreign experts to frequently serve as preliminary reviewers and as external examiners (thesis opponents). The RC also urges all its doctoral students to complete a portion of the studies in some other, preferably international, research environment.

In addition, the Faculty of Arts supports all its doctoral students through provision of courses on a wide range of topics such as academic writing (also in English), research ethics, philosophy of science, conference presentations, popularization of science, and teaching skills. In the period under assessment, the faculty has reviewed its policies on PhD admission, supervision as well as examination of theses. It has also revised its PhD degree requirements in line with the Bologna process, particularly with view to employability both within and outside the academia.

Assuring good career perspectives

The RC has several ongoing projects funded by institutions such as the Academy of Finland. These projects serve as means of integrating doctoral students, especially those seeking academic careers, into the scientific practice. Each doctoral candidate is expected to devote 5% of his or her annual work to teaching in the discipline: this is a way for the students to gain important pedagogical experience.



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The RC strongly encourages doctoral students to develop professional skills, and to build up profiles that would ideally fit a number of different career paths. Although a number of those who enroll in the programme will end up pursuing an academic career either in Finland or abroad, an increasing number of students find jobs outside academia.

Efforts are being made to smoothen transition to professional life. Already at the Master's level students are required to participate in a professional development training course. Various types of internships are also available. Another important resource for those entering the job market is the University of Helsinki's Career Services Unit ([http://www.uh.fi/en/career-services](#))

- RC's strengths and challenges related to the practises and quality of doctoral training, and the actions planned for their development.

The quality of the doctoral training has been outstanding over the years, as consistently shown by the reports of international reviewers and external examiners, as well as the RC's national and international placement record. One of the unique strengths of the RC is the level of collaboration between students and faculty, which goes much beyond just standard practices of supervision. The students (1) participate in the same seminars with faculty, and (2) standardly co-author papers and books with them. These serve as ways of integrating doctoral students into the profession.

One of the challenges that might be voiced is that completing doctoral studies often takes more than the recommended four years. One reason for this is that not all doctoral candidates have full-time research positions. Although the RC has been highly successful in attracting external funding, it is generally agreed that too much time is, or needs, to be spent by students and their supervisors in trying to secure funding which is, even in the best case, typically ensured only for 1-3-year periods at a time.

3 SOCIETAL IMPACT OF RESEARCH AND DOCTORAL TRAINING (MAX. 4400 CHARACTERS WITH SPACES)

- Description of how the RC interacts with and contributes to the society (collaboration with public, private and/or 3rd sector).

Most of the research conducted within the RC is in an important sense basic research. However, contributions to society through public engagement are prolific. Philosophy has always held a prominent place in the academic and intellectual life in Finland, and this tradition prevails.

Science education and the training of researchers. The teaching offered by the RC in logic and philosophy of science plays an important role in the training of students and future scientists: it offers means by which to locate one's own research in a broader context, provides conceptual tools that help with innovation, and enables students and researchers of all levels to engage in theoretical and methodological debates.

Science policy. The research of the RC has produced novel insights into managing and assessing interdisciplinary research, e.g., in clarifying the potential relevance of biological knowledge to the social sciences, thus identifying much-needed criteria for research funding in this area.

Policy and political decision-making. Policy-relevant scientific evidence often derives from highly abstract models or computer simulations. Given the RC's focus on precisely these issues, the research conducted by the RC is relevant to policy debates and the training of those involved in policy making.



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Public understanding of science. The public perception of science has consequences for the legitimacy and funding of scientific research. RC's research is relevant, e.g., for economics' alleged failures and the impact of evolutionary and neurobiological considerations on our self-image as human beings. Members of the RC have contributed to the public understanding of science via popular science books, radio programmes, interviews and public addresses.

The RC's impact on wider scientific community and public understanding of science has partially been due to the influential positions occupied by some of its members. Niiniluoto has served as the Rector, and is now the Chancellor of the University of Helsinki. He is the chairman of the Finnish Learned Societies and has served as the chairman of the Finnish Cultural Foundation. Sintonen has been involved in inter-Nordic assessment of research and education and is a member of the Academy of Finland's Research Council (Culture and Society) and of the Core Group of the Standing Committee for Humanities in the European Science Foundation. He has been in the boards of several national graduate schools in different fields of science. Sandu was the main proposer of the Eurocore theme LOGICCC (Logic for Interaction, Computation, Communication, and Cognition). Pihlström is the Director of the Helsinki Collegium of Advanced Studies, which is an important forum for the discussion of the impact of science on society.

Knuutila and Rusanen have been collaborating extensively with the private sector via the TEKES-funded KULTA project aiming to develop "methods that can be used in understanding, conceptualizing and anticipating the changing needs of consumers". The project was in close relation to business organizations, HUT and National Consumer Research Centre.

- Ways to strengthen the societal impact of the RC's research and doctoral training.

The societal impact of the RC has taken place mostly through the positions, and the role of some of its senior members in different networks, committees, and institutions where they have both brought invaluable services to the profession and influenced decision making concerning the evaluation and distribution of resources. The RC will have to be more active in the future in initiating public debates, and proposing discussion themes which have far reaching consequences for the understanding of the significance of scientific methodology and rationality.

4 INTERNATIONAL AND NATIONAL (INCL. INTERSECTORAL) RESEARCH COLLABORATION AND RESEARCHER MOBILITY (MAX. 4400 CHARACTERS WITH SPACES)

- Description of the RC's research collaborations and joint doctoral training activities and how the RC has promoted researcher mobility.

Prof. Sandu has been an associated partner to the European Centre of Excellence LINT (Logic for Intelligent Interaction) launched under the ESF Eurocores programme LOGICCC (Logic for Interaction, Computation, Communication and Cognition, 2008-2011, <http://www.ilc.uva.nl/lint/people.php>). His association with CNRS and Paris 1/Sorbonne has created a channel for regular exchanges in both directions between these departments and the RC. Prof. Sintonen's association with the Nordic project "Philosophy of Systems Biology" has created a similar interaction flux in philosophy of science.

The members of the logic group have a broad international network, which includes some of the top research institutes in logic such as ILLC (Institute of Logic, Language and Computation, University of Amsterdam); the Department of Computer Science, University of St. Andrews; the Department of Philosophy of Lille University (Lille III); The Department of Logic of the Institute of Philosophy of the Czech Academy of Sciences; IRIT, CNRS, Toulouse; the Department of Philosophy, Stanford University; the Department of Philosophy, Boston University; the Department of Philosophy, Tsinghua University.



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The cooperation with the members of this network has materialized in regular exchanges and workshops, technical notes in jointly administered publication series, associated partnerships to national and international research applications, short visiting stages of doctoral students and of the senior researchers, joint edited volumes and joint publications.

Similarly, the members of the POS group collaborate with researchers at institutions such as California Institute of Technology, Erasmus University of Rotterdam, Nuffield College at Oxford, University of California Berkeley, Australian National University, LMU, London School of Economics, University of Ghent, Lund University, Oslo University, University of Cambridge and Duke University.

In Finland they collaborate with the research groups of Professors Riitta Hari (Director of the Brain Research Unit, Aalto University), Hannu Nurmi (Director of the Centre of Excellence in Public Choice Research), and Risto Heiskala (Director of the Institute for Social Research, University of Tampere).

All in all the RC promotes researcher mobility by maintaining and strengthening their cooperation network, by organizing short visits for the exchange and the disseminating of research results, and by organizing high profile, interdisciplinary research conferences and workshops, (for a partial list, see <http://www.helsinki.fi/tint>). The workshops serve also as a forum for younger researchers and doctoral students to present research papers to international audiences.

Doctoral students mobility

Several researchers in the group have studied at top universities in US (Hanne Appelqvist, Columbia; Mirja Hartimo, Boston University; Elina Nurmi, Cornell University), and Europe (Aki Lehtinen, Rotterdam), and are now part of the RC as investigators or principal investigators.

The RC has hosted more than ten visiting students for varying periods, some of them then returning and defending their PhD in their own institutions

- RC's strengths and challenges related to research collaboration and researcher mobility, and the actions planned for their development.

The main strength of the RC is a wide network of active collaboration that provides a structure and adequate channels for mobility.

One obvious challenge for increasing the mobility of both researchers and doctoral students is to find more funding schemes and the required assisting administrative personnel.

As to the mobility of doctoral students, the incompatibility of the study programs is a practical challenge that hinders short-term visits to foreign universities. To overcome this, the RC aims at developing established formal or informal exchange programs with international collaborating universities.

Part of the future planning of more efficient forms of research collaboration and researcher mobility build on and are conditional on the Centre of Excellence status of the POS group. The CoE status would provide the RC with an improved infrastructure and funding for more efficient exchange activities.

5 OPERATIONAL CONDITIONS (MAX. 4400 CHARACTERS WITH SPACES)

- Description of the operational conditions in the RC's research environment (e.g. research infrastructure, balance between research and teaching duties).

Most of the RC's members are affiliated with the University of Helsinki, approximately half of them working in the discipline of philosophy in the Department of Philosophy, History, Culture and Art Studies and half in the discipline of social and moral philosophy in the Department of Political and Economic Studies. All those affiliated with the University of Helsinki are located in the 5th and 6th floors of



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Metsätalo (Unioninkatu 40 A). This allows for various forms of close cooperation, such as arranging joint courses, seminars and research meetings, as well as engaging in formal and informal discussions with peers.

Those members of the RC that are part of permanent faculty bear the primary responsibility for teaching philosophy at the University of Helsinki. Professors (Sandu, von Plato, Sintonen, Tuomela, Pietarinen) are expected to teach approximately 4-6 hours a week, in addition to carrying out a fairly heavy load of administrative tasks. Associate professors (Raatikainen, Lammenranta, Ylikoski) teach approximately 6-8 per week throughout the academic year. Those affiliated with the University of Helsinki who do not occupy permanent research or teaching positions teach in accordance with the university guidelines. (This amounts to teaching roughly one course per year.)

- RC's strengths and challenges related to operational conditions, and the actions planned for their development.

The general research facilities (office spaces, computing equipment, access to journals and databases) are provided by the University of Helsinki and meet high international standards.

The main challenges concerning research infrastructure relate to finding a better balance between research and other tasks (teaching, supervision and administration). Those members of the RC who occupy permanent positions find it exceedingly difficult to devote sufficient time to their own research in the face of what is perceived to be an ever-increasing amount of administration. The university reform, along with various other administrative practices recently adopted, place an increasing burden on those belonging to permanent faculty.

6 LEADERSHIP AND MANAGEMENT IN THE RESEARCHER COMMUNITY (MAX. 4400 CHARACTERS WITH SPACES)

- Description of the execution and processes of leadership in the RC, how the management-related responsibilities and roles are distributed in the RC and how the leadership- and management-related processes support high quality research, collaboration between principal investigators and other researchers in the RC, the RC's research focus and strengthening of the RC's know-how.

The structure of leadership and management within the RC is informal. The RC consists of several principal investigators (PIs), each of whom has his/her own research group and doctoral students. In practice, however, supervisory responsibilities among the PIs are often distributed. Also, given the small size of the units and the discontinuity of the funding, there are often informal agreements between the PIs to the effect that joint supervision and shared funding will result, in the end, in a formal agreement in which departments and disciplines are compensated proportionally, in accordance with the amount of input given (e.g., Hakli, Kuorikoski).

Complementing research themes (game-theoretic methods, philosophy of social action, logic for multi-agent systems, modal logics) have served as a unifying factor that has stimulated collaboration between principal investigators (Sandu, Tuomela, Sintonen, Mäki, Knuutila, Negri, etc) and strengthened the research focus and the RC's know-how.

The doctoral students of Sandu, von Plato and Negri have participated in the departmental logic seminar, and benefited from the complementary expertise of these members of the RC. Seminars in philosophy of science and the general departmental philosophy seminar are equally parts of the significant cross-fertilization of various research modalities. A number of joint publications between principal investigators and junior scholars have ensued as outcomes of such interaction.

The Philosophy of Science Group organizes periodical co-ordination meetings and additional planning meetings are called if the need arises. Decisions not directly related to personnel (hiring) are usually



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made in these meetings or delegated to a sub-committees. These decisions are usually jointly agreed upon. Some recruitment decisions (from abroad) have been made democratically. Junior researchers are allocated gradually increasing organizational responsibilities related to seminars, workshops and writing of applications. An important co-ordination platform for the group is a wiki-based internal workspace POS-Wiki, which is used to co-ordinate and plan future activities.

Project leaders actively engage in the POS and Logic research seminars. Senior members also give guidance on conferencing and other professional practicalities. An important aspect of leadership is the inspiration and validation given to the work of the junior staff. The junior researchers are encouraged to co-author papers with the principal investigators and other senior members.

- RC's strengths and challenges related to leadership and management, and the actions planned for developing the processes.

One of the key strengths has been the utilization of various communication platforms (such as Wiki) in order to include as many of the personnel as possible to decision-making. Also the informal relations between the PIs and other personnel facilitate open dialogue and exchange of ideas. The considerable international experience of the PIs provides alternative perspectives on leadership and management.

One of the challenges is that although multidisciplinary and cross-disciplinary work has been encouraged, it is sometimes difficult to assess the exact responsibilities and compensations due to particular disciplines. Also, although responsibilities are shared, many times this is not equally visible in the recognition of the degree in both departments, especially in the case of hiring decisions.

7 EXTERNAL COMPETITIVE FUNDING OF THE RC

- Listing of the RCs external competitive funding, where:
 - the funding decisions have been made during 1.1.2005-31.12.2010, and
 - the administrator of the funding is/has been the University of Helsinki
- Academy of Finland (AF) - total amount of funding (in euros) AF has decided to allocate to the RC members during 1.1.2005-31.12.2010: 6420000
- Finnish Funding Agency for Technology and Innovation (TEKES) - total amount of funding (in euros) TEKES has decided to allocate to the RC members during 1.1.2005-31.12.2010: 100000
- European Union (EU) - total amount of funding (in euros) EU has decided to allocate to the RC members during 1.1.2005-31.12.2010:
- European Research Council (ERC) - total amount of funding (in euros) ERC has decided to allocate to the RC members during 1.1.2005-31.12.2010:
- International and national foundations – names of international and national foundations which have decided to allocate funding to the RC members during 1.1.2005-31.12.2010, and the amount of their funding (in euros).
 - names of the foundations: Emil Aaltonen Foundation: 8000
 - Jenny and Antti Wihuri Foundation: 34000
 - Finnish Cultural Foundation: 582000
 - Ella & Georg Ehrnrooth Foundation: 46000
 - Kone Foundation: 147000



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- Federation of Finnish Learned Societies: 2000
 - University of Helsinki Bilateral Collaboration Funds: 9000
 - University of Helsinki Research Grants: 120000
 - Starting Professor Grant: 10000
 - total amount of funding (in euros) from the above-mentioned foundations: 960000
- Other international funding - names of other international funding organizations which have decided to allocate funding to the RC members during 1.1.2005-31.12.2010, and the amount of their funding (in euros).
 - names of the funding organizations: NOS-HS
 - ASLA-Fulbright Bilateral Commission, Visiting Scholar
 - Economic and Social Research Council (UK): 253 000e (2009, using 0,88 rate)
 - British Academy: 311000e (using the current rate)
 - total amount of funding (in euros) from the above-mentioned funding organizations: 610000
 - Other national funding (incl. EVO funding and Ministry of Education and Culture funded doctoral programme positions) - names of other national funding organizations which have decided to allocate funding to the RC members during 1.1.2005-31.12.2010, and the amount of their funding (in euros).
 - names of the funding organizations: Doctoral school in Philosophy: 213560
 - total amount of funding (in euros) from the above-mentioned funding organizations: 214000

8 RC'S STRATEGIC ACTION PLAN FOR 2011–2013 (MAX. 4400 CHARACTERS WITH SPACES)

- Description of the RC's future perspectives in respect to research and doctoral training.

The philosophy unit of the University of Helsinki has always been a stronghold of logic, methodology and philosophy of science. The RC is intent on strengthening this tradition by creating a strong research and training environment in the areas identified. There are some obstacles that call for strategic moves. The most urgent challenge for the RC lies in the very low number of permanent positions in philosophy at the University of Helsinki, which affects long-term planning and the continuity of research careers. This is a general structural flaw of the university system in Finland. The funding for individual research projects is sufficient, but not without problems either. Most such funding comes from the Academy of Finland, in portions of four years (for each project). It is only known towards the end of each funding period if a new project can be started, so the continuity of research careers cannot be guaranteed, however good the results may be.

The RC will continue to explore new avenues of funding (including ESF and ERC funding), to strengthen co-operation with Aalto University as well as seek ERC and TEKES funding. The RC will make an effort to attract international visitors of high caliber via the FiDiPro programme, as well as to strengthen its co-operation with HIST and the rest of the science studies community in Finland.

Despite the challenges identified, the RC is optimistic about the prospects of its research and doctoral training. The emphasis in both will be on quality. In more concrete terms this means, for example, that the emphasis in recruitment will be on the potential of the candidate to make an impact on his or her field, as well as on the quality of supervision. The RC will boost its attractiveness as one of the top international programmes by building a doctoral programme specializing in logic, methodology and philosophy of science. The RC will develop its practices of supervision by introducing so called supervision panels: each doctoral student will be assigned a supervision committee of 3-5 members, each of whom have different areas of expertise. This is an important improvement especially for those



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students with interdisciplinary topics. Special efforts will be made in the area of gender equality. Some research groups of the RC already have women forming a majority. In the future, it will be increasingly important to foster equal opportunities – across the board, not just at the doctoral level.

The RC will also seek to develop more permanent, official practices for joint supervision with different universities in Finland or with partner universities abroad. It is already the case that students from abroad come to Helsinki, and students from Helsinki visit partner universities abroad; but it is important to establish official practices guiding supervision. The funding resources already available for purposes of mobility -- including the private foundations' postdoc pool for overseas studies -- need to be utilized in full; and new resources need to be sought for short-term and especially longer-term (3-4-year) stays abroad.

The RC's group in philosophy of science (POS) is currently shortlisted for the status of the Academy of Finland's Center of Excellence.

9 SHORT DESCRIPTION OF HOW THE RC MEMBERS HAVE CONTRIBUTED TO THE COMPILATION OF THE STAGE 2 MATERIALS (MAX. 1100 CHARACTERS WITH SPACES).

Each of the items has been circulated among the principal investigators of each main subgroup of the RC, who have provided the appropriate inputs concerning their group. The responsible person of the research community has then compiled all the contributions into one single document per item and sent it back for comments and approval by the principal investigators. The final document was compiled after several such rounds.



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1 Analysis of publications

- Associated person is one of Ville Valtteri Aarnio , Hanne Appelqvist , Till Grune-Yanoff ,
Raul Hakli , Mirja Hartimo , Severi Hämäri , Annika Kanckos ,
Markku Tapani Keinänen, Tarja Tellervo Knuuttilla , Tomi Kokkonen , Anssi
Korhonen , Inkeri Koskinen , Jaakko Kuorikoski , Arto Laitinen ,
Markus Lammenranta , Aki Lehtinen , Erika Mansnerus, Caterina Marchionni ,
Kaarlo Miller , Pekka Mäkelä , Uskali Mäki , Sara Negri ,
Ilkka Niiniluoto , Elina Nurmi , Markus Pantsar , Paavo Pylkkänen ,
Pemu , Ahti Pietarinen , Sami Pihlström , Jani Petteri Raerinne ,
Samuli Pöyhönen , Panu Raatikainen , Anna-Mari Rusanen , anna-
Diego Rios , Giuseppina Ronzitti , Matti Sintonen , Avriil Emil
mari Mikko Salmela , Gabriel Sandu , Michael Boguslawski von ,
Robert Styrman , Tero Tulenheimo, Raimo Tuomela ,
Jan von Plato , Petri K Ylikoski ,

Publication type	Publication year						Total Count 2005 - 2010
	2005	2006	2007	2008	2009	2010	
A1 Refereed journal article	29	19	23	16	28	29	144
A2 Review in scientific journal		1	2	1		1	5
A3 Contribution to book/other compilations (refereed)	36	42	40	43	45	39	245
A4 Article in conference publication (refereed)	3	1	5	4	2	11	26
B1 Unrefereed journal article	8	3	10	10	5	9	45
B2 Contribution to book/other compilations (non-refereed)	2	5		5	9	8	29
B3 Unrefereed article in conference proceedings					1	2	3
C1 Published scientific monograph	1	2	4	3	4	2	16
C2 Edited book, compilation, conference proceeding or special issue of journal	6	4	5	3	11	6	35
D1 Article in professional journal	1	2	1		1		5
D2 Article in professional hand or guide book or in a professional data system, or text book material					1		1
D4 Published development or research report				1		1	2
D5 Text book or professional handbook or guidebook or dictionary	1						1
E1 Popular article, newspaper article	17	15	11	9	7	10	69
E1 Popular contribution to book/other compilations	3	2	1	3		8	17
E2 Popular monograph				1			1



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2 Listing of publications

A1 Refereed journal article

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D1 Article in professional journal

2005

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LMPS/Sandu

2007

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2009

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D2 Article in professional hand or guide book or in a professional data system, or text book material

2009

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D4 Published development or research report

2008

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2010

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D5 Text book or professional handbook or guidebook or dictionary

2005

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E1 Popular article, newspaper article

2005

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RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

LMPS/Sandu

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E1 Popular contribution to book/other compilations

2005

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Niiniluoto, I, Sihvola, J 2008, 'Esipuhe', in I Niiniluoto, J Sihvola (eds), *Tarkemmin ajatellen. kansakunnan henkinen tila*., Gaudeamus, Helsinki, pp. 7-10.

2010

Hartimo, M 2010, 'Puluja ja betonia Bostonissa', in M Roinila (ed.), *Miten meistä tuli filosofian tohtoreita, Suomen filosofinen yhdistys, Helsinki*, pp. 461-465.

Knuutila, TT 2010, 'Monta tietä, sama polku: matkani taloustieteestä semiotiikan kautta tieteenfilosofiksi', in M Roinila (ed.), *Miten meistä tuli filosofian tohtoreita, Suomen Filosofinen Yhdistys ry., Helsinki*, pp. 485-491.

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Niiniluoto, I 2010, 'Matemaatikosta filosofiksi', *Miten meistä tuli filosofian tohtoreita, Suomen Filosofinen Yhdistys ry, Helsinki*, pp. 35-40.

Niiniluoto, I 2010, 'Filosofit tohtoriksi väittelemässä', in M Roinila (ed.), *Miten meistä tuli filosofian tohtoreita, vol. 2010, Suomen filosofinen yhdistys, Helsinki*, pp. 607-613.

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Sintonen, M 2010, 'Kuinka minusta tuli ilo-opin tohtori', in M Roinila (ed.), *Miten meistä tuli filosofian tohtoreita, Suomen Filosofinen Yhdistys ry., Helsinki*, pp. 93-101.

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E2 Popular monograph

2008

Niiniluoto, I, Sihvola, J 2008, *Tarkemmin ajatellen: kansakunnan henkinen tila, Gaudeamus, Helsinki*.



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RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

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1 Analysis of activities 2005-2010

- Associated person is one of Ville Valterri Aarnio , Hanne Appelqvist , Till Grune-Yanoff ,
Raul Hakli , Mirja Hartimo , Severi Hämäri , Annika Kanckos ,
Markku Tapani Keinänen, Tarja Tellervo Knuuttila , Tomi Kokkonen , Anssi
Korhonen , Inkeri Koskinen , Jaakko Kuorikoski , Arto Laitinen ,
Markus Lammenranta , Aki Lehtinen , Erika Mansnerus, Caterina Marchionni ,
Kaarlo Miller , Pekka Mäkelä , Uskali Mäki , Sara Negri ,
Ilkka Niiniluoto , Elina Nurmi , Markus Pantsar , Tuomas
Pemu , Ahti Pietarinen , Sami Pihlström , Paavo Pylkkänen ,
Samuli Pöyhönen , Panu Raatikainen , Jani Petteri Raerinne ,
Diego Rios , Giuseppina Ronzitti , Anna-Mari Rusanen , anna-
mari Mikko Salmela , Gabriel Sandu , Matti Sintonen , Avril Emil
Robert Styrman , Tero Tulenheimo, Raimo Tuomela , Michael Boguslawski von ,
Jan von Plato , Petri K Ylikoski ,

Activity type	Count
Supervisor or co-supervisor of doctoral thesis	20
Prizes and awards	10
Editor of research journal	208
Editor of research anthology/collection/conference proceedings	2
Peer review of manuscripts	54
Editor of series	9
Editor of special theme number	2
Assessment of candidates for academic posts	6
Membership or other role in review committee	2
Membership or other role in research network	5
Membership or other role in national/international committee, council, board	98
Membership or other role in public Finnish or international organization	13
Membership or other role of body in private company/organisation	15
Other tasks of an expert in private sector	2
Participation in interview for written media	188
Participation in radio programme	4
Participation in TV programme	7



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RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

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2 Listing of activities 2005-2010

Supervisor or co-supervisor of doctoral thesis

Tarja Tellervo Knuuttila ,

Supervision of doctoral thesis, Tarja Tellervo Knuuttila, 01.01.2008 → 31.12.2008, United States

Uskali Mäki ,

Supervising Clemens Hirsch's PhD Thesis, Uskali Mäki, 2010

Supervising Ekaterina Svetlova's PhD Thesis, Uskali Mäki, 2010

Supervising Luis Mireles Flores' PhD Thesis, Uskali Mäki, 2010

Sara Negri ,

Ph.D. thesis supervision, Sara Negri, 01.01.2006 → 01.12.2008, Italy

Ph.D. thesis supervision, Sara Negri, 01.01.2006 → 07.12.2010, Finland

Ahti Pietarinen ,

Supervision of doctoral thesis, Ahti Pietarinen, 01.11.2006 → 31.12.2006, Finland

Supervision of doctoral thesis, Ahti Pietarinen, 01.01.2007 → 31.12.2007, Finland

Supervision of doctoral thesis, Ahti Pietarinen, 01.01.2007 → 31.12.2007, Finland

A Priori Knowledge, Ahti Pietarinen, 2010 → ...

Axiomatic Ontology, Ahti Pietarinen, 2010 → ...

Sami Pihlström ,

Supervisor, Sami Pihlström, 2006 → ..., Finland

Supervisor, Sami Pihlström, 2006 → ..., Finland

Supervisor, Sami Pihlström, 2008 → ..., Finland

Gabriel Sandu ,

Supervisor of the doctoral thesis, Gabriel Sandu, 01.01.2002 → ..., Finland

Supervisor of doctoral dissertation, Gabriel Sandu, 04.02.2008, Italy

Supervisor of doctoral thesis, Gabriel Sandu, 09.12.2008, Italy

Supervisor of doctoral thesis, Gabriel Sandu, 29.04.2009, Finland

Supervisor of doctoral dissertation, Gabriel Sandu, 04.12.2010, Finland

Supervisor of doctoral thesis, Gabriel Sandu, 22.01.2010, Spain

Prizes and awards

Mirja Hartimo ,

Emil Aaltonen Foundation, "Kannustusapuraha", Mirja Hartimo, 05.2009 → ...

Ilkka Niiniluoto ,

Vuoden kesävihtiläinen, Ilkka Niiniluoto, 2002 → ..., Finland

Suomen Valkoisen Ruusun 1. luokan komentajamerkki, Ilkka Niiniluoto, 06.12.2006, Finland

Elina Nurmi ,

Sage School Summer Fellowship, Cornell University, Summers 2002-2006, Elina Nurmi, 2002 → 2006, United States

Sage School Fellowship, Cornell University (tuition and stipend), Elina Nurmi, 2004 → 2005, Finland

Research grant, Finnish Cultural Foundation, Elina Nurmi, 2006 → 2007, Finland

Sage School Fellowship, Cornell University (tuition), Elina Nurmi, 2006 → 2007, Finland



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Research grant, Ella & Georg Ehrnrooth Foundation, Elina Nurmi, 2007 → 2008, Finland

Philosophical Review Lectureship at the Sage School of Philosophy, Cornell University (declined), Elina Nurmi, 2008 → 2009, United States

Research grant, Finnish Cultural Foundation, Elina Nurmi, 2008 → 2009, Finland

Editor of research journal

Mirja Hartimo ,

Journal of History of Analytic Philosophy, <http://jhaponline.org/journals/jhap/index>, Mirja Hartimo, 27.09.2010 → ...

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Harri Veivo (toim.), Vastarinta / Resistanssi. Konfliktit, vastustus ja sota semiotiikan tutkimuskohteina. Yliopistopaino Kustannus (2006), Tarja Tellervo Knuuttila, 01.01.2006 → 31.12.2006

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Jaakko Kuorikoski ,

Science Studies, Jaakko Kuorikoski, 01.01.2007 → 31.12.2007, Finland

Tiede ja edistys, Jaakko Kuorikoski, 01.01.2007 → 31.12.2007, Finland

Science Studies, Jaakko Kuorikoski, 01.01.2008 → 31.12.2008, Finland

Markus Lammenranta ,

Synthese, Markus Lammenranta, 01.01.2006 → 31.12.2006

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Aki Lehtinen ,

Group Decision and Negotiation, Aki Lehtinen, 01.01.2006 → 31.12.2006

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Philosophy of the social sciences, Aki Lehtinen, 01.01.2007 → 31.12.2007

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International Studies for the Philosophy of Science, Aki Lehtinen, 01.01.2008 → 31.12.2008

Philosophy of the Social Sciences, Aki Lehtinen, 01.01.2008 → 31.12.2008, United States

Preference Change: Approaches from Philosophy, Economics and Psychology, Aki Lehtinen, 14.04.2008 → 31.12.2008, Germany

Public Choice, Aki Lehtinen, 01.01.2008 → 31.12.2008, Germany

Caterina Marchionni ,

Journal of Economic Methodology, Caterina Marchionni, 08.2008 → ...

Uskali Mäki ,

Economics and Philosophy, Uskali Mäki, 1994 → ...



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Journal of Economic Methodology, Uskali Mäki, 2005 → ...

British Journal for the Philosophy of Science, Uskali Mäki, 01.01.2007 → 31.12.2007

Economics and Philosophy, Uskali Mäki, 01.01.2007 → 31.12.2007

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Episteme. A Journal in Social Epistemology (Honorary Founding Editor), Uskali Mäki, 01.01.2007 → 31.12.2007

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International Journal of Philosophy and Epistemology of Economics, Uskali Mäki, 01.01.2007 → 31.12.2007

Journal of Economic Behavior and Organization, Uskali Mäki, 01.01.2007 → 31.12.2007

Journal of Economic Methodology, Uskali Mäki, 01.01.2007 → 31.12.2007

Journal of Institutional Economics, Uskali Mäki, 01.01.2007 → 31.12.2007

Metroeconomica, Uskali Mäki, 01.01.2007 → 31.12.2007

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Cambridge Journal of Economics, Uskali Mäki, 01.01.2008 → 31.12.2008

Economica, Uskali Mäki, 01.01.2008 → 31.12.2008

Economics and Philosophy, Uskali Mäki, 01.01.2008 → 31.12.2008

Economics and Philosophy, Uskali Mäki, 01.01.2008 → 31.12.2008

Erasmus Journal for the Philosophy of Science, Uskali Mäki, 01.01.2008 → 31.12.2008

Erkenntnis, Uskali Mäki, 01.01.2008 → 31.12.2008

International Journal of Philosophy and Epistemology of Economics, Uskali Mäki, 01.01.2008 → 31.12.2008

Journal des Economistes et des Humaines, Uskali Mäki, 01.01.2008 → 31.12.2008

Journal Of Institutional Economics, Uskali Mäki, 01.01.2008 → 31.12.2008

Journal of Economic Methodology, Uskali Mäki, 01.01.2008 → 31.12.2008

European Journal for Philosophy of Science, Uskali Mäki, 2009 → ...

Sara Negri ,

Notre Dame Journal of Formal Logic, Sara Negri, 01.01.2005 → 31.12.2005

Reviewer, Sara Negri, 01.01.2005 → 31.12.2010

Studia Logica, Sara Negri, 01.01.2005 → 31.12.2005

AIML (Advances in Modal Logic), Sara Negri, 01.01.2006 → 31.12.2006, United Kingdom

CIE 2006 (Computability in Europe 2006), Sara Negri, 01.01.2006 → 31.12.2006, Germany

Logic Journal of the IGPL, Sara Negri, 01.01.2006 → 31.12.2006, United Kingdom

RTA '06 (17th International Conference on Rewriting Techniques and Applications), Sara Negri, 01.01.2006 → 31.12.2006, United States

Studia Logica, Sara Negri, 01.01.2006 → 31.12.2006, Poland

Ilkka Niiniluoto ,

Poznan Studies in the Philosophy of Sciences and Humanities, Ilkka Niiniluoto, 1975 → 2011, Netherlands

Acta Philosophica Fennica editor-in-chief, Ilkka Niiniluoto, 1980 → 2011, Finland

Synthese editorial board, Ilkka Niiniluoto, 1980 → 2007, Netherlands

Philosophy of Science editorial board, Ilkka Niiniluoto, 1981 → 2005, United States

Acta Semiotica Fennica, Ilkka Niiniluoto, 1992 → 2011, Finland

Polish Journal of Philosophy, Ilkka Niiniluoto, 01.01.2006 → 2011, Poland

Studia Philosophica Estonia, Ilkka Niiniluoto, 01.01.2008 → 2011, Estonia



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Ahti Pietarinen ,

Acta Philosophica Fennica, Ahti Pietarinen, 01.01.2005 → 31.12.2005, Finland
Acta Philosophica Fennica, Ahti Pietarinen, 01.01.2005 → 31.12.2005, Finland
Current Research in the Semantics/Pragmatics Interface, Ahti Pietarinen, 01.01.2005 → 31.12.2005, United Kingdom
Current Research in the Semantics/Pragmatics Interface, Ahti Pietarinen, 01.01.2005 → 31.12.2005, United Kingdom
Logic, Epistemology and the Unity of Science, Ahti Pietarinen, 01.01.2005 → 31.12.2005, Netherlands
Logic, Epistemology and the Unity of Science, Ahti Pietarinen, 01.01.2005 → 31.12.2005, Netherlands
Philosophica Scientiae, Ahti Pietarinen, 01.01.2005 → 31.12.2005, France
Synthese, Ahti Pietarinen, 01.01.2005 → 31.12.2005, Netherlands
Acta Philosophica Fennica, Ahti Pietarinen, 01.01.2006 → 31.12.2006, Finland
Acta Philosophica Fennica, Ahti Pietarinen, 01.01.2006 → 31.12.2006, Finland
Current Research in the Semantics/Pragmatics Interface, Ahti Pietarinen, 01.01.2006 → 31.12.2006, United Kingdom
Current Research in the Semantics/Pragmatics Interface, Ahti Pietarinen, 01.01.2006 → 31.12.2006, United Kingdom
Logic, Epistemology and the Unity of Science, Ahti Pietarinen, 01.01.2006 → 31.12.2006, Netherlands
Logic, Epistemology and the Unity of Science, Ahti Pietarinen, 01.01.2006 → 31.12.2006, Netherlands
SoPhi, Ahti Pietarinen, 01.01.2006 → 31.12.2006, Finland
Stanford Encyclopedia of Philosophy, Ahti Pietarinen, 01.01.2006 → 31.12.2006, United States
Synthese, Ahti Pietarinen, 01.01.2006 → 31.12.2006, Netherlands
niin & nän, Ahti Pietarinen, 01.01.2006 → 31.12.2006, Finland
Applying Peirce, Ahti Pietarinen, 01.06.2007 → 31.12.2007, United Kingdom
Current Research in the Semantics/Pragmatics Interface, Ahti Pietarinen, 01.01.2007 → 31.12.2007, United Kingdom
Game Theory and Linguistic Meaning, Ahti Pietarinen, 01.01.2007 → 31.12.2007, United Kingdom
History and Philosophy of Logic, Ahti Pietarinen, 01.09.2007 → 31.12.2007, United Kingdom
John Benjamins Publishers, Ahti Pietarinen, 01.09.2007 → 31.12.2007, Germany
Journal of Philosophical Logic, Ahti Pietarinen, 01.09.2007 → 31.12.2007, Netherlands
Logic, Methodology, and the Unity of Science, Ahti Pietarinen, 01.01.2007 → 31.12.2007, Germany
Logic, Methodology, and the Unity of Science, Ahti Pietarinen, 01.01.2007 → 31.12.2007, Germany
Medicine, Healthcare & Philosophy, Ahti Pietarinen, 01.09.2007 → 31.12.2007, Germany
Niin & Nän, Ahti Pietarinen, 01.09.2007 → 31.12.2007, Finland
SATS: Nordic Journal of Philosophy, Ahti Pietarinen, 01.01.2007 → 31.12.2007, Sweden
Stanford Encyclopedia of Philosophy, Ahti Pietarinen, 01.09.2007 → 31.12.2007, United States
Studia Logica, Ahti Pietarinen, 01.09.2007 → 31.12.2007, Germany
Synthese, Ahti Pietarinen, 01.01.2007 → 31.12.2007, Netherlands
Acta Philosophica Fennica, Ahti Pietarinen, 01.01.2008 → 31.12.2008
Erkenntnis, Ahti Pietarinen, 01.01.2008 → 31.12.2008
History and Philosophy of Logic, Ahti Pietarinen, 01.01.2008 → 31.12.2008
Journal of Philosophical Logic, Ahti Pietarinen, 01.01.2008 → 31.12.2008
Logic, Epistemology and the Unity of Science, Ahti Pietarinen, 01.01.2008 → 31.12.2008
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Philosophical Frontiers, Ahti Pietarinen, 01.01.2008 → 31.12.2008
Pragmatics & Cognition, Ahti Pietarinen, 01.01.2008 → 31.12.2008



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Semiotica, Ahti Pietarinen, 01.01.2008 → 31.12.2008
Stanfors Encyclopedia of Philosophy, Ahti Pietarinen, 01.01.2008 → 31.12.2008
Studia Logica, Ahti Pietarinen, 01.01.2008 → 31.12.2008
Synthese, Ahti Pietarinen, 01.01.2008 → 31.12.2008
The Baltic Yearbook of Cognition, Logic, and Communication, Ahti Pietarinen, 01.01.2008 → 31.12.2008
Transactions of the Charles S. Peirce Society, Ahti Pietarinen, 01.01.2008 → 31.12.2008
Baltic Yearbook of Logic and Cognition, Ahti Pietarinen, 2010 → ...
Journal of Philosophical Logic, Ahti Pietarinen, 2010 → ...
Semiotica, Ahti Pietarinen, 2010 → ...
Sign Systems Studies, Ahti Pietarinen, 2010 → ...
Synthese, Ahti Pietarinen, 2010 → ...
Transactions of the Charles Peirce Society, Ahti Pietarinen, 2010 → ...

Sami Pihlström ,

niin & nän, Sami Pihlström, 1993 → ..., Finland
Facta Philosophica, Sami Pihlström, 1998 → ..., Switzerland
Ajatus: Yearbook of the Philosophical Society of Finland, Sami Pihlström, 2004 → 2010, Finland
Ajatus, Sami Pihlström, 01.01.2005 → 31.12.2005, Finland
Facta Philosophica, Sami Pihlström, 01.01.2005 → 31.12.2005, Switzerland
Filosofia tutkimuksia Helsingin yliopistosta (kirjasarja), Sami Pihlström, 01.01.2005 → 31.12.2005, Finland
Kasvatus, Sami Pihlström, 01.01.2005 → 31.12.2005
Niin&nän, Sami Pihlström, 01.01.2005 → 31.12.2005
SoPhi (kirjasarja), Sami Pihlström, 01.01.2005 → 31.12.2005, Finland
Studies in Pragmatism and Values (kirjasarja), Sami Pihlström, 01.01.2005 → 31.12.2005, United States
Teologinen Aikakauskirja, Sami Pihlström, 01.01.2005 → 31.12.2005
Transactions of the Charles S. Peirce Society, Sami Pihlström, 01.01.2005 → 31.12.2005, United States
Human Affairs, Sami Pihlström, 2006 → ..., Slovakia
Sats: North European Journal of Philosophy, Sami Pihlström, 2007 → ...
Transactions of the Charles S. Peirce Society, Sami Pihlström, 2008 → ..., United States
Danish Yearbook of Philosophy, Sami Pihlström, 2009 → ..., Denmark

Panu Raatikainen ,

Ajatus, Panu Raatikainen, 2001 → ...
Ajatus, Panu Raatikainen, 01.01.2005 → 31.12.2005, Finland
Filosofia tutkimuksia Helsingin yliopistosta / Philosophical Studies from the University of Helsinki, Panu Raatikainen, 01.01.2005 → 31.12.2005, Finland
Mind, Panu Raatikainen, 01.01.2005 → 31.12.2005
Synthese, Panu Raatikainen, 01.01.2005 → 31.12.2005
Ajatus, Panu Raatikainen, 01.01.2006 → 31.12.2006, Finland
Filosofia tutkimuksia Helsingin yliopistosta / Philosophical Studies from the University of Helsinki, Panu Raatikainen, 01.01.2006 → 31.12.2006, Finland
Philosophical Quarterly, Panu Raatikainen, 01.01.2006 → 31.12.2006
Synthese, Panu Raatikainen, 01.01.2006 → 31.12.2006
Theoria, Panu Raatikainen, 01.01.2006 → 31.12.2006



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Ajatus, Panu Raatikainen, 01.01.2007 → 31.12.2007, Finland

Erkenntnis, Panu Raatikainen, 01.01.2007 → 31.12.2007

Filosofisia tutkimuksia Helsingin yliopistosta / Philosophical Studies from the University of Helsinki, Panu Raatikainen, 01.01.2007 → 31.12.2007, Finland

Journal of Philosophical Logic, Panu Raatikainen, 01.01.2007 → 31.12.2007

Journal of Philosophical Research, Panu Raatikainen, 01.01.2007 → 31.12.2007

Sats - Nordic Journal of Philosophy, Panu Raatikainen, 01.01.2007 → 31.12.2007

Synthese, Panu Raatikainen, 01.01.2007 → 31.12.2007

Theoria, Panu Raatikainen, 01.01.2007 → 31.12.2007

Ajatus, Panu Raatikainen, 01.01.2008 → 31.12.2008

Filosofisia tutkimuksia Helsingin yliopistosta / Philosophical Studies from the University of Helsinki, Panu Raatikainen, 01.01.2008 → 31.12.2008

Giuseppina Ronzitti ,

Zentralblatt MATH, Giuseppina Ronzitti, 01.01.2008 → 31.12.2008

Mikko Salmela ,

Journal of Value Inquiry, Mikko Salmela, 01.05.2005 → 31.05.2005, Netherlands

The Philosophical Quarterly, Mikko Salmela, 01.04.2006 → 30.04.2006, United Kingdom

dialectica, Mikko Salmela, 01.08.2006 → 31.08.2006, Switzerland

Journal of Value Inquiry, Mikko Salmela, 01.12.2007 → 31.12.2007, Netherlands

Nursing Ethics, Mikko Salmela, 01.01.2007 → 31.12.2011, United Kingdom

Nursing Ethics, Mikko Salmela, 01.01.2008 → 31.12.2008, United Kingdom

dialectica, Mikko Salmela, 01.01.2008 → 31.12.2008, Switzerland

Gabriel Sandu ,

Area editor for logic and mathematics, Gabriel Sandu, 01.2008 → 12.2012, Netherlands

Consulting editor, Gabriel Sandu, 01.01.2008 → ..., Sweden

Member of editorial board, Gabriel Sandu, 01.01.2008 → 12.2012, Netherlands

Tero Tulenheimo

Logic, Games and Philosophy. Foundational Perspectives, Tero Tulenheimo, 01.01.2006 → 31.12.2006

Unity, Truth and the Liar. The Modern Relevance of Medieval Solutions to the Liar Paradox, Tero Tulenheimo, 01.01.2006 → 31.12.2006

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Springer-kustantamon sarja "logic, Epistemology and the Unity of Science", Tero Tulenheimo, 01.01.2007 → 31.12.2007

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Games: Unifying Logic, Language and Philosophy, Tero Tulenheimo, 01.01.2008 → 31.12.2008, United Kingdom

Review of Symbolic Logic, Tero Tulenheimo, 01.01.2008 → 31.12.2008, United States

Unity, Truth and the Liar: The Modern Relevance of Medieval Solutions to the Liar Paradox, Tero Tulenheimo, 01.01.2008 → 31.12.2008, United Kingdom

Raimo Tuomela ,

Mind & Society, Raimo Tuomela, 01.01.2005 → 31.12.2005, Germany

Mind and Society, Raimo Tuomela, 01.01.2006 → 31.12.2006

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Mind and Society, Raimo Tuomela, 01.01.2007 → 31.12.2007

The Journal of Ethics, Raimo Tuomela, 01.01.2007 → 31.12.2007

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Theory and Decision Library, Raimo Tuomela, 01.01.2008 → 31.12.2008

Petri K Ylikoski ,

Filosofia tutkimuksia Helsingin yliopistosta, Petri K Ylikoski, 01.01.2005 → 31.12.2005, Finland

Foundations of Science (special issue on scientific explanation), Petri K Ylikoski, 01.01.2005 → 31.12.2005, Netherlands

Handbook of Science and Technology Studies, Petri K Ylikoski, 01.01.2005 → 31.12.2005, United Kingdom

Sats Nordic Journal of Philosophy, Petri K Ylikoski, 01.01.2005 → 31.12.2005, Denmark

Science Studies, Petri K Ylikoski, 01.01.2005 → 31.12.2005, Finland

Tiede & Edistys, Petri K Ylikoski, 01.01.2005 → 31.12.2005, Finland

British Journal for Philosophy of Science, Petri K Ylikoski, 01.01.2007 → 31.12.2007, United Kingdom

Filosofia tutkimuksia Helsingin yliopistosta, Petri K Ylikoski, 01.01.2007 → 31.12.2007, Finland

Organization Studies, Petri K Ylikoski, 01.01.2007 → 31.12.2007, Greece

Psykologia, Petri K Ylikoski, 01.01.2007 → 31.12.2007, Finland

Sats Nordic Journal of Philosophy, Petri K Ylikoski, 01.01.2007 → 31.12.2007, Denmark

Science Studies, Petri K Ylikoski, 01.01.2007 → 31.12.2007, Finland

Tiede & Edistys, Petri K Ylikoski, 01.01.2007 → 31.12.2007, Finland

Editor of research anthology/collection/conference proceedings

Mirja Hartimo ,

Phenomenology and Mathematics, Mirja Hartimo, 2006 → 2010

Ahti Pietarinen ,

Ideas in Action, Ahti Pietarinen, 2010 → ...

Peer review of manuscripts

Raul Hakli ,

Erkenntnis, Raul Hakli, 20.05.2010

Fourteenth IEEE International Enterprise Distributed Object Computing (EDOC) Conference, Raul Hakli, 13.05.2010

Journal of Intelligent Information Systems, Raul Hakli, 28.07.2010



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Journal of Intelligent Information Systems, Raul Hakli, 11.11.2010

Journal of Philosophical Logic, Raul Hakli, 17.10.2010

Mirja Hartimo ,

Centrone: Logic and Philosophy of Mathematics in the Early Husserl, Mirja Hartimo, 01.01.2009 → 15.03.2009

Logic and Philosophy of Mathematics in the Early Husserl, Mirja Hartimo, 2009 → ...

Are mathematical theories reducible to non-analytical foundations, Mirja Hartimo, 13.12.2010 → 17.12.2010

Tarja Tellervo Knuuttila ,

Outlines: Critical Social Studies, Tarja Tellervo Knuuttila, 2004 → ...

International Studies in the Philosophy of Science, Tarja Tellervo Knuuttila, 2006 → ...

Philosophy of science, Tarja Tellervo Knuuttila, 2006 → ...

Neural Networks, Tarja Tellervo Knuuttila, 2007 → ...

Philosophy of the Social Sciences, Tarja Tellervo Knuuttila, 2010 → ...

Studies in History and Philosophy of Science, Tarja Tellervo Knuuttila, 2010 → ...

Synthese, Tarja Tellervo Knuuttila, 2010 → ...

Tomi Kokkonen ,

Helsinki University Press, Tomi Kokkonen, 2006 → ...

Anssi Korhonen ,

Is there a quasi-mereological account of property incompatibility, Anssi Korhonen, 01.01.2010 → 01.12.2010, Slovenia

Jaakko Kuorikoski ,

Science Studies, Jaakko Kuorikoski, 2009 → ...

THEORIA. An International Journal for Theory, History and Foundations of Science, Jaakko Kuorikoski, 2009

Cambridge Journal of Economics, Jaakko Kuorikoski, 2010 → ...

Philosophy of the Social Sciences, Jaakko Kuorikoski, 2010 → ...

The British Journal for the Philosophy of Science, Jaakko Kuorikoski, 2010 → ...

Aki Lehtinen ,

Finnish Economic Papers, Aki Lehtinen, 24.10.2010

Caterina Marchionni ,

Journal of Economic Methodology, Caterina Marchionni, 2009

Palgrave MacMillan, Caterina Marchionni, 2009

Sage Handbook of The Philosophy of Social Science, Caterina Marchionni, 2009

Synthese, Caterina Marchionni, 2009

Journal of Economic Methodology, Caterina Marchionni, 2010

Routledge, Caterina Marchionni, 2010

Sara Negri ,

Logical Methods in Computer Science, Sara Negri, 01.01.2006 → 31.12.2006

Studia Logica, Sara Negri, 01.01.2007 → 31.12.2007

Studia Logica, Sara Negri, 01.01.2007 → 31.12.2010

Tableaux 2007, Sara Negri, 01.01.2007 → 31.12.2007

Type theory, proof theory, and rewriting 2007, Sara Negri, 01.01.2007 → 31.12.2007

Wollic 2007, Sara Negri, 01.01.2007 → 31.12.2007

Archive for Mathematical Logic, Sara Negri, 01.01.2008 → 31.12.2008



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Journal of Logic and Computation, Sara Negri, 01.01.2008 → 31.12.2008

Journal of Logic and Computation, Sara Negri, 01.01.2009 → 31.12.2009

Logical Foundations of Computer Science 09, Sara Negri, 01.01.2009 → 31.12.2009

Annals of Pure and Applied Logic, Sara Negri, 01.01.2010 → 31.12.2010

Synthese, Sara Negri, 01.01.2010 → 31.12.2010

Elina Nurmi ,

Reviewer for Philosophia Mathematica, Elina Nurmi, 2010 → ...

Ahti Pietarinen ,

MIT Press, Ahti Pietarinen, 2010 → ...

Sami Pihlström ,

several academic publishers, e.g., Continuum, Indiana University Press, Gaudeamus, Sami Pihlström, 2009 → ...

several journals, recently e.g., British Journal for the History of Philosophy; Contemporary Pragmatism; Baltic Journal of the History of Science, Sami Pihlström, 2009 → ...

Panu Raatikainen ,

Mathematical Logic Quarterly, Panu Raatikainen, 2010 → ...

Mind, Panu Raatikainen, 2010

Philosophical Quarterly, Panu Raatikainen, 2010

Sats, Panu Raatikainen, 2010

Theoria, Panu Raatikainen, 2010

Mikko Salmela ,

Philosophical Psychology, Mikko Salmela, 10.2010 → 12.2010, United Kingdom

Matti Sintonen ,

British Journal for Philosophy of Science, Matti Sintonen, 2010 → ..., United Kingdom

Science and Education, Matti Sintonen, 2010 → ...

Theoria, Matti Sintonen, 2010 → ..., United Kingdom

Editor of series

Uskali Mäki ,

Strategies for Social Inquiry, Uskali Mäki, 2009 → ...

Panu Raatikainen ,

Philosophical Studies from the University of Helsinki, Panu Raatikainen, 2002 → ...

Gabriel Sandu ,

Member of the editorial board of Logic, Epistemology and the Unity of Science, Gabriel Sandu, 01.2007 → ...

Advisor editor for Texts in Logic and Games, Gabriel Sandu, 01.2008 → ..., Netherlands

Matti Sintonen ,

Ajatus, Matti Sintonen, 2010 → ...

European Journal for Philosophy of Science, Matti Sintonen, 2010 → ..., Netherlands

Polish Journal of Philosophy, Matti Sintonen, 2010 → ..., Poland

Science Studies, Matti Sintonen, 2010 → ..., Finland

Synthese, Matti Sintonen, 2010 → ..., Netherlands

Editor of special theme number



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RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

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Tarja Tellervo Knuuttila ,

Special issue in Science Studies, Tarja Tellervo Knuuttila, 2006 → ...

Erika Mansnerus

Science Studies: Special Issue on Models and Simulations in Scientific Practice, Erika Mansnerus, 2006

Assessment of candidates for academic posts

Ahti Pietarinen ,

Tenure Committee External Evaluator, Ahti Pietarinen, 2010 → ...

Sami Pihlström ,

Assessor of applications for the title of Docent, Sami Pihlström, 2009 → ..., Finland

Gabriel Sandu ,

External referee for an Alexander von Humboldt Professorship at Ludwig Maximilians University at Munich, Gabriel Sandu, 07.10.2009, Germany

Department of Philosophy, University of Stockholm, Gabriel Sandu, 2010, Sweden

Hiring committee for the chair of professor in theoretical philosophy, University of Helsinki, Gabriel Sandu, 01.2010 → 12.2010, Finland

Hiring committee for the position of lecturer in theoretical philosophy, University of Helsinki, Gabriel Sandu, 10.2010 → 12.2010, Finland

Membership or other role in review committee

Matti Sintonen ,

European Research Council (ERC) Dedicated Implementation Structure, Ideas Specific Programme, Matti Sintonen, 2010 → ..., Belgium

Väitöskirjan arvosanalautakunta, Matti Sintonen, 03.12.2010, Sweden

Membership or other role in research network

Sami Pihlström ,

Principal Investigator, co-founder, Sami Pihlström, 2008 → ...

Principal Investigator, Sami Pihlström, 2010 → ..., Finland

Matti Sintonen ,

Behavioral and Brain Science, Matti Sintonen, 2010 → ..., United Kingdom

Trends and Tensions in Intellectual Integration, Matti Sintonen, 2010 → ..., Finland

Avril Emil Robert Styrman ,

Logiikan ja tieteenfilosofian ryhmä, Avril Emil Robert Styrman, 2005 → ..., Finland

Membership or other role in national/international committee, council, board

Hanne Appelqvist ,

Nordic Network for Wittgenstein research, Hanne Appelqvist, 01.01.2008 → 31.12.2008

Mirja Hartimo ,

Hallituksen jäsen, Mirja Hartimo, 02.2008 → ...

Tarja Tellervo Knuuttila ,

AMKLC'5 Symposium on Adaptive Models on Knowledge, Language and Cognition, Helsinki, Finland, 15-17 June 2005., Tarja Tellervo Knuuttila, 2005 → ...

Suomen semiotiikan seura ry, Tarja Tellervo Knuuttila, 01.01.2006 → 31.12.2006

Suomen tieteen- ja teknologiantutkimuksen seura ry, Tarja Tellervo Knuuttila, 01.01.2006 → 31.12.2006

Applying Peirce -conference, Helsinki, Tarja Tellervo Knuuttila, 11.06.2007 → 13.06.2007



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IASS/AIS 2009 9th World Congress of the International Association for Semiotic Studies, Helsinki/Imatra, Tarja Tellervo Knuuttila, 11.06.2007 → 17.06.2007

IJCNN 2007 International Joint Conference on Neural Networks, Florida, Tarja Tellervo Knuuttila, 12.08.2007 → 17.08.2007, United States

International workshop on Modeling, Simulation and Computational Science: Perspectives from difference sciences, Helsinki, Tarja Tellervo Knuuttila, 29.11.2007 → 30.11.2007

Suomen semiotiikan seura ry, Tarja Tellervo Knuuttila, 01.01.2007 → 31.12.2007

Suomen tieteen- ja teknologiantutkimuksen seura ry, Tarja Tellervo Knuuttila, 01.01.2007 → 31.12.2007

Suomen semiotiikan seura ry, Tarja Tellervo Knuuttila, 01.01.2008 → 31.12.2008

Suomen tieteen- ja teknologiantutkimuksen seura ry, Tarja Tellervo Knuuttila, 01.01.2008 → 31.12.2008

EPSA 2009 2nd conference of the European Philosophy of Science Association, Amsterdam, The Netherlands, 21-24 October, 2009., Tarja Tellervo Knuuttila, 2009 → ...

SPSP 2009 Second biennial conference of the Society of Philosophy of Science in Practice, University of Minnesota, Minneapolis, USA, 18-20 June 2009., Tarja Tellervo Knuuttila, 2009 → ...

Models and Simulations 4 conference (MS4 2010), University of Toronto, 7-9 May 2010., Tarja Tellervo Knuuttila, 2010 → ...

Virtual Physiological Human (VPH-FET) initiative, European Seventh Framework Programme in the area of Information and Communication Technology (ICT) for Health., Tarja Tellervo Knuuttila, 2010 → ...

Markus Lammenranta ,

Slovenian Research Agency, Markus Lammenranta, 01.01.2007 → 31.12.2007, Slovenia

Erika Mansnerus

Member of the Council, Treasurer, Erika Mansnerus, 01.01.2007 → 31.12.2010, United Kingdom

Member of Scientific Board, Erika Mansnerus, 01.01.2010 → 31.12.2011, Germany

Uskali Mäki ,

Member of the Advisory Board of the BUES Center for Pluralistic Economic Studies, Uskali Mäki, 1998 → ...

Member of the Academic Advisory Board of the Helsinki Institute for Science and Technology Studies, Uskali Mäki, 2004 → ..., Finland

Member of the International Advisory Committee of the Witten Lectures in Economics and Philosophy, Uskali Mäki, 2005 → ...

Erasmus Institute for Philosophy and Economics, Uskali Mäki, 01.01.2007 → 31.12.2007

European Association for Evolutionary Political Economy, Uskali Mäki, 01.01.2007 → 31.12.2007

European Philosophy of Science Association, Uskali Mäki, 01.01.2007 → 31.12.2007

Helsinki Institute for Science and Technology Studies, Uskali Mäki, 01.01.2007 → 31.12.2007

Honorary Member of EIPE, Uskali Mäki, 2007 → ...

International Network for Economic Method, Uskali Mäki, 01.01.2007 → 31.12.2007

Erasmus Institute for Philosophy and Economics, Uskali Mäki, 01.01.2008 → 31.12.2008

European Association for Evolutionary Political Economy, Uskali Mäki, 01.01.2008 → 31.12.2008

International Network for Economic Method, Uskali Mäki, 01.01.2008 → 31.12.2008

International Network for Economic Method, Uskali Mäki, 01.01.2008 → 31.12.2008

Member of the Erik Allardt Academic Advisory Board, Uskali Mäki, 2009 → ...

Member of the Executive Board of INEM, Uskali Mäki, 2009 → ...

Ilkka Niiniluoto ,

Philosophical Society of Finland president, Ilkka Niiniluoto, 1975 → 2011, Finland

Finnish Academy of Science invited member, Ilkka Niiniluoto, 01.01.1985 → ..., Finland

FISP member of CD, Ilkka Niiniluoto, 1998 → 2013, France

IIP invited member, Ilkka Niiniluoto, 01.01.1998 → ..., France

Finnish Federation of Learned Societies chair, Ilkka Niiniluoto, 2000 → 2011, Finland



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Euroopan kulttuurisäätiön Suomen osaston valtuuskunta, Ilkka Niiniluoto, 01.01.2002 → 31.12.2007, Finland
Foundation for the Finnish Institute in Athens chair, Ilkka Niiniluoto, 2002 → 2010, Finland
Finnish Council of University Rectors, Ilkka Niiniluoto, 01.06.2003 → 31.05.2008, Finland
League of European Research Universities (LERU) member, Ilkka Niiniluoto, 01.06.2003 → 31.05.2008, Belgium
Finnish Association of the Club of Rome, Ilkka Niiniluoto, 01.01.2004 → 31.12.2007, Finland
International Academy of Philosophy invited member, Ilkka Niiniluoto, 01.01.2005 → ..., Armenia
EUA council member, Ilkka Niiniluoto, 01.01.2006 → 31.12.2007, Belgium
Finnish Council of University Rectors, Ilkka Niiniluoto, 01.01.2006 → 31.12.2007, Finland
EUA member of science policy working group, Ilkka Niiniluoto, 2007 → 2012, Belgium
Euroopan kulttuurisäätiön Suomen osaston valtuuskunnan puheenjohtaja, Ilkka Niiniluoto, 2008 → 2011, Finland
Helsingin yliopistomuseon säätiön edustajiston puheenjohtaja, Ilkka Niiniluoto, 2008 → 2011, Finland
Tiedekeskussäätiön valtuuskunnan puheenjohtaja, Ilkka Niiniluoto, 2008 → 2010, Finland
Maabrändivaltuuskunnan jäsen, Ilkka Niiniluoto, 2009 → 2010, Finland
Research data working group, Ilkka Niiniluoto, 2009 → 2010, Finland
Publication forum working group, Ilkka Niiniluoto, 2010 → 2011, Finland

Elina Nurmi ,

Member of the advisory committee of the Faculty of Humanities on library space planning, Elina Nurmi, 2009 → ..., Finland
Member of the teaching development committee, Elina Nurmi, 01.2010 → ..., Finland

Ahti Pietarinen ,

First International Pragmatic Web Conference, Ahti Pietarinen, 01.01.2006 → 31.12.2006, Japan
International Conference on Applying Peirce, Ahti Pietarinen, 01.01.2006 → 31.12.2006, Finland
The 18th European Summer School in Logic, Language and Information, Ahti Pietarinen, 01.01.2006 → 31.12.2006, Finland
The 28th Annual Conference of the Cognitive Science Society, Ahti Pietarinen, 01.01.2006 → 31.12.2006, Finland
Evaluator, Ahti Pietarinen, 2010 → ...
External Evaluator, Ahti Pietarinen, 2010 → ...
Teaching Development Committee, Ahti Pietarinen, 2010 → ...
Väitöstoimikunnan jäsen, Ahti Pietarinen, 2010 → ...

Sami Pihlström ,

Nordic Institute of Philosophy, Sami Pihlström, 01.01.2005 → 31.12.2005
Suomen Filosofinen Yhdistys, Sami Pihlström, 01.01.2005 → 31.12.2005
Board member, Sami Pihlström, 2010 → ...
Member, Sami Pihlström, 2010 → ..., Finland
Panel Chair, Sami Pihlström, 2010 → 2011, Finland

Panu Raatikainen ,

Swedish Research Council, Panu Raatikainen, 01.01.2007 → 31.12.2007

Gabriel Sandu ,

Area editor for logic and mathematics, Gabriel Sandu, 01.01.2008 → ..., Netherlands
Area editor for logic and mathematics, Gabriel Sandu, 01.01.2008 → 31.12.2012, Netherlands
Member of advisory board, Gabriel Sandu, 01.01.2008 → 01.12.2012, Netherlands

Matti Sintonen ,

Center of Excellence Programme Committee, Matti Sintonen, 2010 → ...



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Center of Excellence in Public Choice Research (University of Turku), Matti Sintonen, 2010 → ...
European Philosophy of Science Association, Matti Sintonen, 2010 → ...
European Reference Index for the Humanities, Matti Sintonen, 2010 → ...
Filosofian kansallinen tutkijakoulu, Matti Sintonen, 01.01.2010 → 28.02.2010
Helsingin Sanomain Säätiö, Matti Sintonen, 2010 → ...
Ihmissen mieli -tutkimusohjelma ohjausryhmä, Matti Sintonen, 2010 → ...
International Association for Logic, Methodology and Philosophy of Science, Matti Sintonen, 2010 → ..., Finland
Kulttuurin ja yhteiskunnan tutkimuksen toimikunta, Matti Sintonen, 2010 → ...
Programme Committee EuroCogSci2011, Matti Sintonen, 2010 → ...
Research Programme Steering Committee, Matti Sintonen, 2010 → ...
Standing Committee for the Humanities, Matti Sintonen, 01.02.2010 → ..., France
Suomen Tieteen ja Teknologian sekä Innovaatioiden tutkimuksen tutkijakoulu, Matti Sintonen, 01.01.2010 → 28.02.2010
Tulevaisuudentutkimuksen Verkosto-Akatemia, Matti Sintonen, 2010 → ...

Raimo Tuomela ,

American Philosophical Association, Raimo Tuomela, 01.01.2007 → 31.12.2007
British Society for the Philosophy of Science, Raimo Tuomela, 01.01.2007 → 31.12.2007
Philosophy of Science Association, Raimo Tuomela, 01.01.2007 → 31.12.2007
The Philosophical Association of Finland, Raimo Tuomela, 01.01.2007 → 31.12.2007
The Psychological Society of Finland, Raimo Tuomela, 01.01.2007 → 31.12.2007
American philosophical Association, Raimo Tuomela, 01.01.2008 → 31.12.2008
British Society for the Philosophy of Science, Raimo Tuomela, 01.01.2008 → 31.12.2008
Philosophy of Science Association, Raimo Tuomela, 01.01.2008 → 31.12.2008

Michael Boguslawski von ,

Nordic Network for Wittgenstein Research (deltog i organiserandet av Workshop "Wittgenstein and Philosophical Authorship"), Michael Boguslawski von, 03.10.2008 → 04.10.2008, Finland

Petri K Ylikoski ,

Suomen tieteen- ja teknologiantutkimuksen seura ry, Petri K Ylikoski, 01.01.2005 → 31.12.2005, Finland

Membership or other role in public Finnish or international organization

Tarja Tellervo Knuutila ,

Suomen kulttuurirahasto, Tarja Tellervo Knuutila, 01.01.2008 → 31.12.2008

Tomi Kokkonen ,

Gaudeamus, Tomi Kokkonen, 01.01.2006 → 31.12.2006
Gaudeamus, Tomi Kokkonen, 01.01.2007 → 31.12.2007

Ilkka Niiniluoto ,

Ministry of Education Doctoral Studies working group, Ilkka Niiniluoto, 01.01.2004 → 31.12.2005, Finland
Ministry of Education Open Access working group, Ilkka Niiniluoto, 01.01.2005 → 31.12.2005, Finland
Institute of Health and Welfare council, Ilkka Niiniluoto, 2009 → 2011, Finland

Ahti Pietarinen ,

Department Board, Ahti Pietarinen, 01.01.2007 → 31.12.2007, Finland
Member of Selection Committee for Teacher's Pedagogical Degree, Faculty of Arts, Univ. Helsinki, Ahti Pietarinen, 01.01.2007 → 31.12.2007, Finland
YT-representative, Faculty of Arts (vice-member), Ahti Pietarinen, 01.08.2007 → 31.12.2007, Finland



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Matti Sintonen ,

Clare Hall Cambridge, Matti Sintonen, 2010 → ...

Core Group Standing Committee for the Humanities, Matti Sintonen, 01.10.2010 → ...

Graduate School of Business Competences (TULIO), Turku School of Economics and Business, Matti Sintonen, 2010 → ..., Finland

Suomalainen tiedeakatemia, Matti Sintonen, 2010 → ...

Membership or other role of body in private company/organisation

Aki Lehtinen ,

International network for philosophy and economics, Aki Lehtinen, 01.01.2008 → 31.12.2008

Ilkka Niiniluoto ,

Finnish National Theatre member of board of trustees, Ilkka Niiniluoto, 01.01.1993 → 2011, Finland

Helsinki University Museum, Ilkka Niiniluoto, 01.01.2002 → 31.12.2008, Finland

Helsinki University Holding Company, Ilkka Niiniluoto, 01.09.2003 → 31.05.2008, Finland

Helsinki University Science Foundation chair, Ilkka Niiniluoto, 01.09.2003 → 31.05.2008, Finland

University Pharmacy board, Ilkka Niiniluoto, 01.09.2003 → 31.05.2008, Finland

Albert Edelfelt Foundation, Ilkka Niiniluoto, 2004 → 2011, Finland

Kansallisteatterin hallituksen varapuheenjohtaja, Ilkka Niiniluoto, 2004 → 2011, Finland

Science Centre Foundation valtuuskunta, Ilkka Niiniluoto, 2008 → 2011, Finland

Haatajan tutkimussäätiön hallituksen jäsen, Ilkka Niiniluoto, 2009 → 2010, Finland

OP-Pohjola-tutkimussäätiön hallituksen jäsen, Ilkka Niiniluoto, 2009 → 2010, Finland

Mannerheim-säätiön hallituksen jäsen, Ilkka Niiniluoto, 2010 → ..., Finland

Matti Sintonen ,

Hallituksen jäsen, Matti Sintonen, 1800 → ...

Pohjola-Yhtiöiden 100-vuotisrahasto, Matti Sintonen, 2010 → ...

Suomen Kulttuurirahasto, Matti Sintonen, 2010 → ...

Other tasks of an expert in private sector

Ilkka Niiniluoto ,

Culminatumin neuvottelukunnan puheenjohtaja, Ilkka Niiniluoto, 2009 → 2010, Finland

Nordea Bank advisory council, Ilkka Niiniluoto, 2009 → 2011, Finland

Participation in interview for written media

Tomi Kokkonen ,

A talk about art with a philosopher of science, Tomi Kokkonen, 2010

Erika Mansnerus

Epidemics: Combatting the thread, Erika Mansnerus, 15.08.2009

Ilkka Niiniluoto ,

Demari, Ilkka Niiniluoto, 12.01.2000 → 31.12.2011, Finland

Demari 12.1.2000, Ilkka Niiniluoto, 01.01.2000 → 31.12.2011, Finland

HS Viikkoliite Nyt 4/2000, s. 57, Ilkka Niiniluoto, 01.01.2000 → 31.12.2011, Finland

L'Expansion (No 612, du 6 au 20 janvier 2000), Ilkka Niiniluoto, 01.01.2000 → 31.12.2011, Finland

L-Expansion, Ilkka Niiniluoto, 06.01.2000 → 31.12.2011, Finland

Ny Tid 11.2.2000, s. 7, Ilkka Niiniluoto, 01.01.2000 → 31.12.2011, Finland



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Polemiikki 1/2000, s. 4-7, Ilkka Niiniluoto, 01.01.2000 → 31.12.2011, Finland
Tietopalvelu 15:1 (2000), s. 5-7, Ilkka Niiniluoto, 01.01.2000 → 31.12.2011, Finland
Agon III Pohjoinen filosofiyhdistys, Ilkka Niiniluoto, 20.09.2003 → 31.12.2011, Finland
Aleksandrian avajaiset, Helsinki, Ilkka Niiniluoto, 30.10.2003 → 31.12.2011, Finland
Anna, Ilkka Niiniluoto, 25.09.2003 → 31.12.2011, Finland
Atk-päivät IT-ooppera, Helsinki, Ilkka Niiniluoto, 14.10.2003 → 31.12.2011, Finland
Chydenius-Instituutin seminaari, Helsinki, Ilkka Niiniluoto, 13.10.2003 → 31.12.2011, Finland
Ekoyliopisto, Ilkka Niiniluoto, 01.01.2003 → 31.12.2011, Finland
Etelä-Suomen Sanomat, Ilkka Niiniluoto, 01.06.2003 → 31.12.2011, Finland
Etelä-Suomen Sanomat, Ilkka Niiniluoto, 30.08.2003 → 31.12.2011, Finland
Helsingin Sanomat, Ilkka Niiniluoto, 05.04.2003 → 31.12.2011, Finland
Helsingin Sanomat, Ilkka Niiniluoto, 31.08.2003 → 31.12.2011, Finland
Helsingin Sanomat Kuukausiliite, Ilkka Niiniluoto, 01.01.2003 → 31.12.2011, Finland
Helsingin humanistiyhdistys, Ilkka Niiniluoto, 09.10.2003 → 31.12.2011, Finland
Helsingin yliopiston avajaiset, Ilkka Niiniluoto, 10.09.2003 → 31.12.2011, Finland
Helsingin yliopiston uusiutuva viestintäilme, Ilkka Niiniluoto, 23.09.2003 → 31.12.2011, Finland
Henkilöstöjohtamisella vaikuttavuutta, seminaari, Espoo, Ilkka Niiniluoto, 14.11.2003 → 31.12.2011, Finland
Hiiden opisto, Lohjan yksikkö, Lohja, Ilkka Niiniluoto, 04.11.2003 → 31.12.2011, Finland
Hufvudstadsbladet, Ilkka Niiniluoto, 28.05.2003 → 31.12.2011, Finland
ILEAPS, seminaari, Vuosaari, Ilkka Niiniluoto, 29.09.2003 → 31.12.2011, Finland
Ilkka-lehti, Ilkka Niiniluoto, 02.12.2003 → 31.12.2011, Finland
Ilta-Sanomat, Ilkka Niiniluoto, 14.02.2003 → 31.12.2011, Finland
International teachers and students, Helsingin yliopisto, Ilkka Niiniluoto, 11.11.2003 → 31.12.2011, Finland
Kai Ekholmin 50-vuotisseminaari, Helsinki, Ilkka Niiniluoto, 14.10.2003 → 31.12.2011, Finland
Kauppalehti, Ilkka Niiniluoto, 02.06.2003 → 31.12.2011, Finland
Kemin lyseon studia generalia, Kemi, Ilkka Niiniluoto, 04.04.2003 → 31.12.2011, Finland
Kilpisjärven aseman juhlat, Ilkka Niiniluoto, 03.10.2003 → 31.12.2011, Finland
Kirjamessut, Helsinki, Ilkka Niiniluoto, 23.10.2003 → 31.12.2011, Finland
Kodin kuvalehti, Ilkka Niiniluoto, 21.08.2003 → 31.12.2011, Finland
Kotitalous- ja käsityötieteiden laitos, Helsinki, Ilkka Niiniluoto, 22.01.2003 → 31.12.2011, Finland
Kunnallisalan koulutuskeskus, 25-vuotisjuhlaseminaari, Ilkka Niiniluoto, 04.12.2003 → 31.12.2011, Finland
LIFIM-lehti, Ilkka Niiniluoto, 01.01.2003 → 31.12.2011, Finland
Lammin biologinen asema 50 vuotta, Ilkka Niiniluoto, 29.08.2003 → 31.12.2011, Finland
Lehdistötilaisuus, Helsinki, Ilkka Niiniluoto, 27.05.2003 → 31.12.2011, Finland
Network for European Studies, verkoston avajaiset, Helsinki, Ilkka Niiniluoto, 09.12.2003 → 31.12.2011, Finland
Nuorten filosofiatapahtuma, Helsinki, Ilkka Niiniluoto, 11.01.2003 → 31.12.2011, Finland
Opettaja-lehti, Ilkka Niiniluoto, 03.10.2003 → 31.12.2011, Finland
Pohjolan Voiman seminaari, Ilkka Niiniluoto, 10.06.2003 → 31.12.2011, Finland
Seura, Ilkka Niiniluoto, 11.04.2003 → 31.12.2011, Finland
Seura, Ilkka Niiniluoto, 17.10.2003 → 31.12.2011, Finland
Sivistys-seminaari, Helsinki, Ilkka Niiniluoto, 02.12.2003 → 31.12.2011, Finland



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Sven Krohn 100 vuotta, seminaari, Seinäjoki, Ilkka Niiniluoto, 01.12.2003 → 31.12.2011, Finland
Svenska social och kommunalhögskolan, 60-årsjubileumsseminarium, Helsinki, Ilkka Niiniluoto, 14.11.2003 → 31.12.2011, Finland
Symbiontti, Ilkka Niiniluoto, 01.01.2003 → 31.12.2011, Finland
Taloussanomat, Ilkka Niiniluoto, 26.06.2003 → 31.12.2011, Finland
Tiedepoliittinen seminaari, Helsinki, Ilkka Niiniluoto, 07.04.2003 → 31.12.2011, Finland
Tiehallinnon seminaari, Helsinki, Ilkka Niiniluoto, 03.04.2003 → 31.12.2011, Finland
Tutkijakollegium, Helsinki, Ilkka Niiniluoto, 11.03.2003 → 31.12.2011, Finland
World Cultural Council, Einstein Prize, Helsinki, Ilkka Niiniluoto, 17.11.2003 → 31.12.2011, Finland
YLE2 Kesävieras, Ilkka Niiniluoto, 11.06.2003 → 31.12.2011, Finland
YLE:n Lauantaivekkari, Ilkka Niiniluoto, 15.11.2003 → 31.12.2011, Finland
Yliopisto-lehti, Ilkka Niiniluoto, 24.10.2003 → 31.12.2011, Finland
Yliopisto-lehti, Ilkka Niiniluoto, 21.11.2003 → 31.12.2011, Finland
Yliopisto-lehti, Ilkka Niiniluoto, 12.12.2003 → 31.12.2011, Finland
Yliopisto-lehti 50 vuotta, Ilkka Niiniluoto, 15.09.2003 → 31.12.2011, Finland
Yliopistolainen, Ilkka Niiniluoto, 25.08.2003 → 31.12.2011, Finland
Yliopistomuseon avajaiset, Helsinki, Ilkka Niiniluoto, 30.10.2003 → 31.12.2011, Finland
Ympäristökeskus, Helsinki, Ilkka Niiniluoto, 16.05.2003 → 31.12.2011, Finland
Academia Europaea Opening Ceremony, Ilkka Niiniluoto, 02.09.2004 → 31.12.2011, Belgium
Aamulehti, Ilkka Niiniluoto, 22.03.2004 → 31.12.2011, Belgium
Aamulehti, Ilkka Niiniluoto, 11.09.2004 → 31.12.2011, Belgium
Aamulehti, Ilkka Niiniluoto, 21.09.2004 → 31.12.2011, Belgium
Aamulehti ja Turun Sanomat, Ilkka Niiniluoto, 10.10.2004 → 31.12.2011, Belgium
Alumni-juhla, Ilkka Niiniluoto, 23.11.2004 → 31.12.2011, Belgium
Avoimen yliopiston avajaisjuhla, Ilkka Niiniluoto, 22.04.2004 → 31.12.2011, Belgium
Biotekniikan instituutin 15-vuotisjuhla, Ilkka Niiniluoto, 06.05.2004 → 31.12.2011, Belgium
Campus.fi 2/2004, Ilkka Niiniluoto, 01.01.2004 → 31.12.2011, Belgium
Etelä-Suomen Sanomat, Ilkka Niiniluoto, 11.06.2004 → 31.12.2011, Belgium
Etelä-Suomen Sanomat, Ilkka Niiniluoto, 18.02.2004 → 31.12.2011, Belgium
Euroklubin vierailu Sutiassa, Ilkka Niiniluoto, 24.08.2004 → 31.12.2011, Belgium
Farmasian tidekunnan avajaiset, Ilkka Niiniluoto, 30.01.2004 → 31.12.2011, Belgium
Filosofianäyttelyn avajaiset, Ilkka Niiniluoto, 28.09.2004 → 31.12.2011, Belgium
Geologian laitos 150 vuotta, Ilkka Niiniluoto, 10.03.2004 → 31.12.2011, Belgium
HECER:n avajaiset, Ilkka Niiniluoto, 27.02.2004 → 31.12.2011, Belgium
HS NYT-liite, Ilkka Niiniluoto, 25.06.2004 → 31.12.2011, Belgium
HY:n alumnivaltuuskunta, Ilkka Niiniluoto, 23.03.2004 → 31.12.2011, Belgium
HY:n avajaiset, Ilkka Niiniluoto, 10.09.2004 → 31.12.2011, Belgium
HY:n vuosipäivä, Ilkka Niiniluoto, 26.03.2004 → 31.12.2011, Belgium
Hallintojohdon neuvottelupäivät, Ilkka Niiniluoto, 05.10.2004 → 31.12.2011, Belgium
Helsingin Sanomat, Ilkka Niiniluoto, 05.01.2004 → 31.12.2011, Belgium
Helsingin Sanomat, Ilkka Niiniluoto, 19.01.2004 → 31.12.2011, Belgium
Humanistilehti 5, Ilkka Niiniluoto, 01.01.2004 → 31.12.2011, Belgium



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Humanistit työelämässä, Ilkka Niiniluoto, 22.10.2004 → 31.12.2011, Belgium
Ilmapommituksen muistomerkki Viikissä, Ilkka Niiniluoto, 26.02.2004 → 31.12.2011, Belgium
Iltä-Sanomat, Ilkka Niiniluoto, 07.02.2004 → 31.12.2011, Belgium
Iltalehti, Ilkka Niiniluoto, 02.01.2004 → 31.12.2011, Belgium
Johtamiskurssi HY:ssä, Ilkka Niiniluoto, 26.02.2004 → 31.12.2011, Belgium
Kaleva, Ilkka Niiniluoto, 21.01.2004 → 31.12.2011, Belgium
Kansan Uutiset, Ilkka Niiniluoto, 07.10.2004 → 31.12.2011, Belgium
Kilpisjärven asema 40 vuotta, Ilkka Niiniluoto, 09.10.2004 → 31.12.2011, Belgium
Kotitalous-lehti 5/2004, Ilkka Niiniluoto, 01.01.2004 → 31.12.2011, Belgium
Kulttuuri, muutos, johtaminen, Ilkka Niiniluoto, 04.10.2004 → 31.12.2011, Belgium
Lahden korkeakoulupäivä, Ilkka Niiniluoto, 30.11.2004 → 31.12.2011, Belgium
Palmenian avajaiset, Ilkka Niiniluoto, 14.09.2004 → 31.12.2011, Belgium
Pohjalainen, Ilkka Niiniluoto, 10.03.2004 → 31.12.2011, Belgium
Puhelin-lehti 6/2004, Ilkka Niiniluoto, 01.01.2004 → 31.12.2011, Belgium
Savon Sanomat, Ilkka Niiniluoto, 30.01.2004 → 31.12.2011, Belgium
Seminaari Vaasan juristikoulutuksesta, Ilkka Niiniluoto, 06.10.2004 → 31.12.2011, Belgium
Semiotiikan yliopistoverkoston avajaisjuhla, Ilkka Niiniluoto, 03.05.2004 → 31.12.2011, Belgium
Sosiaalipolitiikan päivät 2004, Ilkka Niiniluoto, 29.10.2004 → 31.12.2011, Belgium
Suomen tammi - kulttuuriperintö, Ilkka Niiniluoto, 03.12.2004 → 31.12.2011, Belgium
Tutkijakollegiumin juhla, Ilkka Niiniluoto, 11.10.2004 → 31.12.2011, Belgium
Vaasan yliopistolehti 2/2004, Ilkka Niiniluoto, 01.01.2004 → 31.12.2011, Belgium
Valtiovaraministeriön hallinto-osasto 50 vuotta, Ilkka Niiniluoto, 19.10.2004 → 31.12.2011, Belgium
Viidin Uutiset, Ilkka Niiniluoto, 25.11.2004 → 31.12.2011, Belgium
Vihti-Seura, Ilkka Niiniluoto, 21.11.2004 → 31.12.2011, Belgium
Viikin Normaalkoulun 135-vuotisjuhla, Ilkka Niiniluoto, 08.03.2004 → 31.12.2011, Belgium
Yhteiskuntapolitiikan laitoksen juhla, Ilkka Niiniluoto, 27.01.2004 → 31.12.2011, Belgium
CICERO Learning Opening Day, Ilkka Niiniluoto, 07.12.2006 → 31.12.2011, Belgium
Dagens jubilar, Hufvudstadsbladet, Ilkka Niiniluoto, 12.03.2006 → 31.12.2011, Belgium
Esitelmä, Hallinnon ammattilaiset, Ilkka Niiniluoto, 16.03.2006 → 31.12.2011, Belgium
Esitelmä, Humanistinen tiedekunta, Ilkka Niiniluoto, 08.05.2006 → 31.12.2011, Belgium
Esitelmä, Professoriliiton seminaari, Ilkka Niiniluoto, 21.04.2006 → 31.12.2011, Belgium
Esitelmä, Rehtorien neuvoston seminaari, Helsinki, Ilkka Niiniluoto, 02.10.2006 → 31.12.2011, Belgium
Esitelmä, Sibelius-Akatemia, Ilkka Niiniluoto, 24.01.2006 → 31.12.2011, Belgium
Esitelmä, Snellman 200 vuotta pääjuhla, Ilkka Niiniluoto, 12.05.2006 → 31.12.2011, Belgium
Esitelmä, Tiedefoorumi, Ilkka Niiniluoto, 03.05.2006 → 31.12.2011, Belgium
Haastattelu, Aamulehti, Ilkka Niiniluoto, 01.12.2006 → 31.12.2011, Belgium
Haastattelu, China News, Ilkka Niiniluoto, 01.02.2006 → 31.12.2011, Belgium
Haastattelu, Helsingin Sanomat, Ilkka Niiniluoto, 30.07.2006 → 31.12.2011, Belgium
Haastattelu, Helsingin Sanomat, Ilkka Niiniluoto, 21.08.2006 → 31.12.2011, Belgium
Haastattelu, Helsingin Sanomat, Ilkka Niiniluoto, 24.11.2006 → 31.12.2011, Belgium
Haastattelu, Helsingin Sanomat, Ilkka Niiniluoto, 01.12.2006 → 31.12.2011, Belgium



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Haastattelu, Helsingin yliopiston alumni, Jäsenkirje, Ilkka Niiniluoto, 01.01.2006 → 31.12.2011, Belgium
Haastattelu, Helsingin yliopiston yritysysteistyöliite, Ilkka Niiniluoto, 01.01.2006 → 31.12.2011, Belgium
Haastattelu, Kansan Uutiset, Ilkka Niiniluoto, 21.02.2006 → 31.12.2011, Belgium
Haastattelu, Kauppalehti, Ilkka Niiniluoto, 24.03.2006 → 31.12.2011, Belgium
Haastattelu, Kauppalehti, Ilkka Niiniluoto, 07.09.2006 → 31.12.2011, Belgium
Haastattelu, Kauppalehti Presso, Ilkka Niiniluoto, 25.03.2006 → 31.12.2011, Belgium
Haastattelu, Keski-suomalainen, Ilkka Niiniluoto, 11.03.2006 → 31.12.2011, Belgium
Haastattelu, Koillismaa, Ilkka Niiniluoto, 26.09.2006 → 31.12.2011, Belgium
Haastattelu, Länsi-Savo, Ilkka Niiniluoto, 07.02.2006 → 31.12.2011, Belgium
Haastattelu, Länsi-Savo, Ilkka Niiniluoto, 20.09.2006 → 31.12.2011, Belgium
Haastattelu, Savon Sanomat, Aamulehti, Etelä-Suomen Sanomat, Hämeen Sanomat, Turun Sanomat, Ilkka Niiniluoto, 11.03.2006 → 31.12.2011, Belgium
Haastattelu, Talentia, Ilkka Niiniluoto, 01.07.2006 → 31.12.2011, Belgium
Juhlapuhe, Mikkeli, Ilkka Niiniluoto, 19.09.2006 → 31.12.2011, Belgium
Juhlapuhe, Sattamin Sampojuhlat, Ilkka Niiniluoto, 02.07.2006 → 31.12.2011, Belgium
Keskustelu, Suomalainen klubi, Ilkka Niiniluoto, 02.03.2006 → 31.12.2011, Belgium
Kommentti, Opetusministeriö, Ilkka Niiniluoto, 02.02.2006 → 31.12.2011, Belgium
Kommenttipuheenvuoro, HIST, Ilkka Niiniluoto, 04.05.2006 → 31.12.2011, Belgium
Onnittelemme, Helsingin Sanomat, Ilkka Niiniluoto, 12.03.2006 → 31.12.2011, Belgium
Puhe, Ojakkala, Ilkka Niiniluoto, 13.08.2006 → 31.12.2011, Belgium
Puheenvuoro, Helsinki, Ilkka Niiniluoto, 15.02.2006 → 31.12.2011, Belgium
Puheenvuoro, Opm:n seminaari, Joensuu, Ilkka Niiniluoto, 23.10.2006 → 31.12.2011, Belgium
Utinen, Helsingin Sanomat, Ilkka Niiniluoto, 28.03.2006 → 31.12.2011, Belgium
Utinen, Helsingin Sanomat, Ilkka Niiniluoto, 22.04.2006 → 31.12.2011, Belgium
Utinen, Helsingin Sanomat, Ilkka Niiniluoto, 12.09.2006 → 31.12.2011, Belgium
Utinen, Karjalainen, Ilkka Niiniluoto, 24.11.2006 → 31.12.2011, Belgium
Utinen, Yliopisto, Ilkka Niiniluoto, 01.01.2006 → 31.12.2011, Belgium
9th World Congress of Semiotics, Ilkka Niiniluoto, 11.06.2007 → 31.12.2011, Belgium
Helsingin Sanomat, Ilkka Niiniluoto, 16.05.2007 → 31.12.2011, Belgium
Helsingin Sanomat, Ilkka Niiniluoto, 29.08.2007 → 31.12.2011, Belgium
Helsingin kaupungin ja Helsingin yliopiston neuvottelukunnan 20-vuotisjuhlaseminaari Yhteistyöllä huipulle, Ilkka Niiniluoto, 11.05.2007 → 31.12.2011, Belgium
Helsingin yliopiston infolehti, Ilkka Niiniluoto, 01.01.2007 → 31.12.2011, Belgium
Ilkka, Ilkka Niiniluoto, 07.06.2007 → 31.12.2011, Belgium
Juha Sihvola 50 vuotta, Ilkka Niiniluoto, 31.08.2007 → 31.12.2011, Belgium
Liikuntapolittiset neuvottelupäivät, Ilkka Niiniluoto, 28.08.2007 → 31.12.2011, Belgium
Opetusministeriön seminaari, Ilkka Niiniluoto, 29.08.2007 → 31.12.2011, Belgium
Pohjoismainen alumni- ja sidosryhmäyhteistyöseminaari, Ilkka Niiniluoto, 24.05.2007 → 31.12.2011, Belgium
Suomalais-saksalainen symposiumi tasavallan presidentin valtiovierailuun liittyen, Ilkka Niiniluoto, 04.05.2007 → 31.12.2011, Belgium
Svenska klubben, Ilkka Niiniluoto, 24.01.2007 → 31.12.2011, Belgium
Tampereen teknillisen yliopiston rakentamistalouden koulutusohjelma, Ilkka Niiniluoto, 01.06.2007 → 31.12.2011, Belgium
YLE1, Ilkka Niiniluoto, 19.02.2007 → 31.12.2011, Belgium



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Yliopisto-lehti 3/07, Ilkka Niiniluoto, 01.01.2007 → 31.12.2011, Belgium

Ylioppilaslehti 2/07, Ilkka Niiniluoto, 01.01.2007 → 31.12.2011, Belgium

Ylioppilaslehti 3/07, Ilkka Niiniluoto, 01.01.2007 → 31.12.2011, Belgium

Sami Pihlström ,

Dodo ry ja Aatos ry, Tampereen yliopisto, Sami Pihlström, 08.11.2000 → 31.12.2011, Finland

Kuopion yliopisto (9.3.2000); Teknillinen Korkeakoulu (3.4.2000); Sibelius-Akatemia (6.6.2000) ja Kuvataideakatemia (10.10.2000), Sami Pihlström, 01.01.2000 → 31.12.2011, Finland

Kuopion yliopiston yhteiskuntatieteellisen tiedekunnan järjestämä esitelmätilaisuus, Sami Pihlström, 12.04.2000 → 31.12.2011, Finland

Tampereen Metsö-kirjasto, Sami Pihlström, 11.09.2000 → 31.12.2011, Finland

Panu Raatikainen ,

Helsingin Sanomat, yleisönosastokirjoitus, Panu Raatikainen, 17.04.2000 → 31.12.2011, Finland

Mikko Salmela ,

Viljanpäivät. Esitelmää referoitiin laajasti 10.9. Keskipohjanmaa-lehdessä otsikolla "Kylä on myös kulttuurin tuottaja" ja 10.9. Kaleval-lehdessä otsikolla "Liberalismi yhä haaste suomalaisille", Mikko Salmela, 09.09.2000 → 31.12.2011, Finland

Arvojen hämähäydestä", 2 ohjelmaa 6-osaisessa sarjassa Ylen Ykkösellä, Mikko Salmela, 01.01.2001 → 31.12.2011, France

Satakunnan kriittinen korkeakoulu, Pori, Mikko Salmela, 20.11.2002 → 31.12.2011, Finland

Julkisen esitelmä, Mikko Salmela, 06.11.2007, Finland

Matti Sintonen ,

Helsinginseudun Duodecim-seuran symposium "Humanismi", Matti Sintonen, 15.09.2004 → 31.12.2011, Finland

Mikkelin Akatemia, Arkinen tiede, tieteellinen arki -seminaari, Matti Sintonen, 02.01.2004 → 31.12.2011, Finland

Neurocafe, Matti Sintonen, 02.04.2004 → 31.12.2011, Finland

Talous- ja kulttuuriseminaari, Matti Sintonen, 19.05.2004 → 31.12.2011, Finland

haastattelu, Matti Sintonen, 01.01.2004 → 31.12.2011, Finland

Participation in radio programme

Tomi Kokkonen ,

Suoraa puhetta!, Tomi Kokkonen, 11.12.2010

Ilkka Niiniluoto ,

Radio Vega, Ilkka Niiniluoto, 07.01.2009, Finland

YLE Areena Kultakuume, Ilkka Niiniluoto, 10.12.2010, Finland

Sami Pihlström ,

interview in radio program "Kultakuume", Sami Pihlström, 23.12.2010, Finland

Participation in TV programme

Ilkka Niiniluoto ,

TV1 uutiset, Ilkka Niiniluoto, 11.09.2006 → ..., Finland

MTV3 news, Ilkka Niiniluoto, 19.08.2007 → ..., Finland

YLE aamu-tv, Ilkka Niiniluoto, 22.02.2007 → ..., Finland

TV1 Prisma, Ilkka Niiniluoto, 10.11.2009, Finland

TV1 aamutv, Ilkka Niiniluoto, 08.01.2009, Finland

TV1 aamutv, Ilkka Niiniluoto, 20.05.2009, Finland

TV3 uutiset, Ilkka Niiniluoto, 13.11.2009, Finland

Appendix B.b.

Maria Forsman, Chief Information Specialist, DSocSc
Helsinki University Library 7.7.2011

The bibliometric analyses by Helsinki University Library (HULib)

Background: The bibliometric analyses – especially citation analyses – have raised a lot of discussion and critics among researchers in social sciences and humanities. Researchers view that bibliometric analyses are often unfair to these fields of sciences because they do not give a good enough picture of the publishing. Citation databases – Web of Science and Scopus – cover only weakly the main publications in these fields. Also, in humanities and social sciences monograph is still the main form of publishing, and it does not include in these article databases.

At the University of Helsinki, the above mentioned concerns have been taken into account in the evaluation. The Evaluation Office has ordered analyses from the Helsinki University Library (HULib) for the participating researcher communities that are weakly represented in Web of Science. The database for the HULib analyses is TUHAT (<https://tuhat.halvi.helsinki.fi/portal/en/>) including all the publications that the researchers have considered important.

Based on this data, information specialists at HULib have carried out the following analyses:

- 1) Number of authors/publication/year as a table; a pie of authors/publication in the period 2005-2010;
- 2) Language of publication/year; a pie of language of publication in the period 2005-2010;
- 3) Articles/journal/year; journals have been compared by ISSN with the Norwegian, Australian and ERIH (2007-2008) journal ranking lists; number of articles in ranked journals;
- 4) Publisher/monograph type (according to TUHAT database); monographs have been compared with the Norwegian publisher ranking list. According to this, it has been counted how many monographs are published by a leading scientific publisher (2) or a scientific publisher (1).
- 5) Conference publications (from TUHAT database) especially in computer sciences; compared with the Australian conference ranking list.

Where relevant, some additional analyses and notes concerning the publication culture of a scientific field have been added. Overall, these analyses complement the other evaluation material and lists of the publications of the participating researcher communities.

If the publications of the RCs were less than 50 or/and the internal coverage less than 40 percentage, the WoS analyses were considered not reliable. These RCs were 58 altogether.

In addition, both Leiden and Library analyses were done to the RCs if WoS analyses covered less than 40 per cent of the peer review (A+C) publications of the RC. These RCs were 8 altogether.

The appendix includes the analyses of the RC under discussion.

**Analysis of publications by Helsinki University
Library – 66 RCs altogether**

Biological, Agricultural and Veterinary Sciences

Luukkanen, Olavi – VITRI
Valsta, Lauri – SUVALUE

Natural Sciences

Abrahamsson, Pekka – SOFTSYS
Kangasharju, Jussi – NODES
Ukkonen, Esko – ALKO
Väänänen, Jouko – HLG

Humanities

Aejmelaesus, Anneli – CSTT
Anttonen, Pertti – CMVG
Dunderberg, Ismo – FC
Havu, Eva – CoCoLaC
Heikkilä, Markku – RCSP
Heinämaa, Sara – SHC
Henriksson, Markku – CITA
Janhunen, Juha – LDHFTA
Kajava Mika, – AMNE
Klippi, Anu – Interaction
Knuuttila, Simo – PPMP
Koskenniemi, Kimmo – BAULT
Lauha, Aila – CECH
Lavento, Mika – ARCH-HU
Lukkarinen, Ville – AHCI
Lyytikäinen, Pirjo – GLW
Mauranen, Anna – LFP
Meinander, Henrik – HIST
Nevalainen, Terttu – VARIENG
Pettersson, Bo – ILLC
Pulkkinen, Tuija – Gender Studies
Pyrhönen, Heta – ART
Ruokanen, Miikka – RELDIAL
Saarinen, Risto – RELSOC
Sandu, Gabriel – LMPS
Tarasti, Eero – MusSig
Vehmas-Lehto, Inkeri – TraST
Östman, Jan-Ola – LMS

Social Sciences

Airaksinen, Timo – PPH
Engeström, Yrjö – CRADLE
Granberg, Leo – TRANSRURBAN
Haila, Anne – Sociopolis
Hautamäki, Jarkko – CEA
Heinonen, Visa – KUMU
Helén, Ilpo – STS
Hukkinen, Janne – GENU
Jallinoja, Riitta – SBII
Kaartinen, Timo – SCA
Kettunen, Pauli – NordSoc
Kivinen, Markku – FCREES
Koponen, Juhani – DEVERELE
Koskenniemi, Martti – ECI
Kultti, Klaus – EAT
Lahelma, Elina – KUFÉ
Lanne, Markku – TSEM
Lavonen, Jari – RCMSE
Lehtonen, Risto – SocStats
Lindblom-Yläne, Sari – EdPsychHE
Nieminen, Hannu – MECOL
Nuotio, Kimmo – Law
Nyman, Göte – METEORI
Ollikainen, Markku – ENFIFO
Pirttilä-Backman, Anna-Maija – DYNASOBIC
Rahkonen, Keijo – CulCap
Roos, J P – HELPS
Simola, Hannu – SOCE-DGI
Sulkunen, Pekka – PosPus
Sumelius, John – AG ECON
Vaattovaara, Mari – STRUTSI
Vainio, Martti – SigMe

The next appendix includes the analyses of the
RC under discussion.

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29.6.2011 PJK /19.4.2012 MF

PUBLICATION DATA 2005-2010

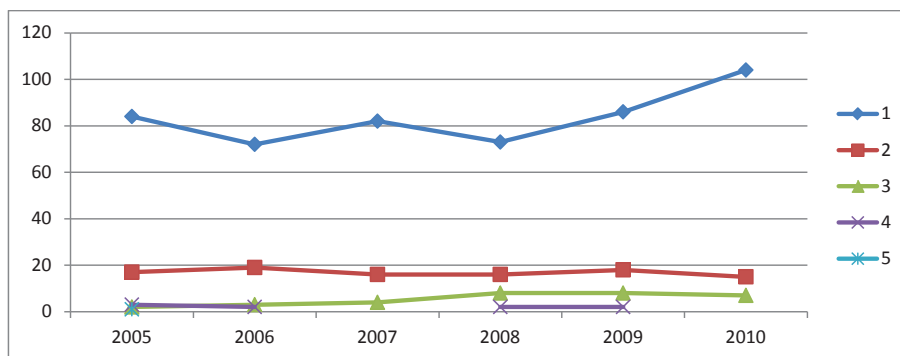
RC/LMPS/Sandu

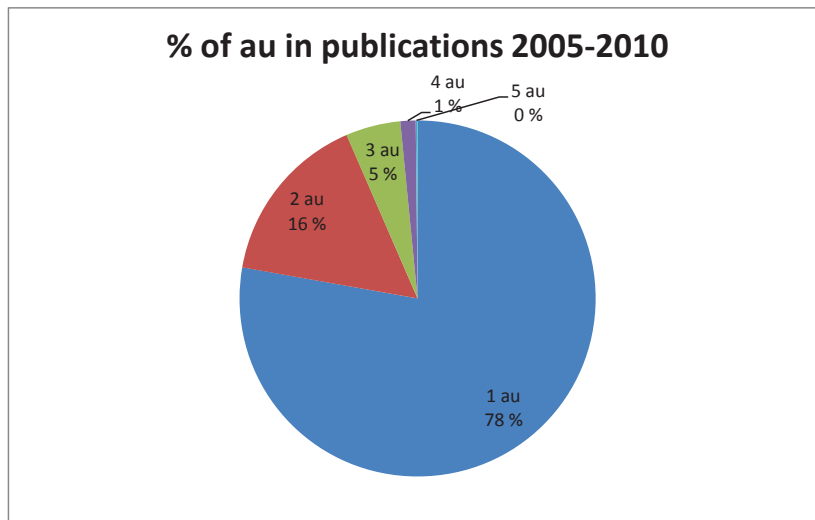
Category 1. ,The research of the participating community represents the international cutting edge in its field.

Number of authors in publications/year

No. of authors	2010	2005	2007	2006	2008	2009	Grand Total
1	104	84	82	72	73	86	501
2	15	17	16	19	16	18	101
3	7	2	4	3	8	8	32
4		3		2	2	2	9
5		1					1
Grand Total	126	107	102	96	99	114	644

The publications have mostly only one author (78 %).

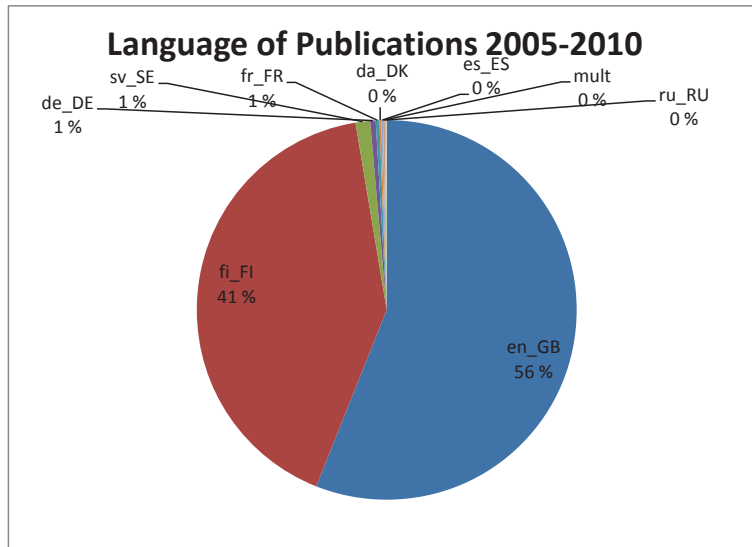




Language of publication / Year

Language	2005	2006	2007	2008	2009	2010	Grand Total
English en_GB	55	50	55	58	68	75	361
Finnish fi_FI	51	43	42	38	43	49	266
Swedish sv_SE	1	2	3		1	1	8
German de_DE		1	1		1		3
French fr_FR				1	1		2
Danish da_DK			1				1
Spanish es_ES				1			1
Multiple languages mult						1	1
Russian ru_RU				1			1
Grand Total	107	96	102	99	114	126	644

The commonest language is English (56 %), as Finnish (41 %) in the second place.



Journal / Year / Total

Journal	2005	2006	2007	2008	2009	2010	Grand Total
Niin & näin : filosofinen aikakauslehti.	6		2	3	2	1	14
Yliopisto : Helsingin yliopiston tiedelehti	4	2	2	2	2	2	14
Tieteessä tapahtuu	5	1	2	1	2	2	13
Helsingin Sanomat	1	3	2	1	1		8
Tiede & edistys		1	4		2		7
Journal of Economic Methodology				2	2	2	6
Erkenntnis					4	1	5
Psykologia	1	2	1	1			5
Yliopistolainen : Helsingin yliopiston henkilöstölehti	1	1	1	1	1		5
Ajatus	1		1	1		1	4
Kanava	1	1		1		1	4
Transactions of the Charles S. Peirce Society		1				3	4
Cognitio				2		1	3
Futura				1	1	1	3
Kansalliskirjasto	1	2					3
Philosophical Studies : an international journal for philosophy in the analytic tradition	1				1	1	3
Philosophy of the Social Sciences			1		1	1	3
Semiotica						3	3
Synthese	1				1	1	3

Theoria			1	1		1	3
Universitas Helsingiensis : a quarterly	1	1	1				3
Accounting, Organizations and Society				2			2
Analysis	1			1			2
Annals of Pure and Applied Logic						2	2
Arttu		1	1				2
British Journal for the Philosophy of Science	1					1	2
Bulletin of Symbolic Logic			1	1			2
Filosofia.fi			1			1	2
Foundations of Science	2						2
Hiidenkivi			2				2
History of Philosophy Quarterly	2						2
Inner World Audio			2				2
J.UCS the journal of universal computer science.	2						2
Journal of Consciousness Studies			2				2
Journal of Philosophical Research			1			1	2
Mathematical Logic Quarterly	1					1	2
Metaphilosophy	1				1		2
Metapsychology online reviews			1			1	2
Mind & Society	1	1					2
Perspectives on Science		2					2
Philosophia Mathematica				1		1	2
Philosophy of Science	1		1				2
Pohjalainen						2	2
Prima : Elinkeinoelämän keskusliiton lehti.		1		1			2
Science Studies : a Scandinavian journal published by the Finnish Society for Science Studies	1	1					2
6Moons.com						1	1
American Journal of Theology & Philosophy	1						1
Apteekin hyllyltä : Yliopiston apteekin asiakaslehti.	1						1
Archive for Mathematical Logic		1					1
Arkhimedes						1	1
Axiomathes	1						1
Biology and Philosophy						1	1
BioSocieties						1	1
British Journal for the History of Philosophy		1					1
Chinese semiotic studies (CSS)						1	1
Chydenius : Osuuspankkiryhmän talousjulkaisu.						1	1
Cognitive systems research		1					1
Computational Statistics & Data Analysis		1					1
Contemporary Pragmatism						1	1
Critical Horizons			1				1
Discussion paper						1	1
Dosis				1			1
Economics and Philosophy						1	1

Environment and Planning A					1	1
Erasmus journal for philosophy and economics			1			1
Ethical Theory and Moral Practice					1	1
Ethics	1					1
Etusivu opetusministeriön verkkolehti.		1				1
European Journal of Philosophy			1			1
European Journal of Political Economy				1		1
European Journal of Political Theory					1	1
Helsingin yliopiston vuosikertomus.		1				1
History and Philosophy of Logic					1	1
Human affairs				1		1
Humana mente				1		1
Humanistilehti			1			1
International Journal for Philosophy of Religion			1			1
International Journal of Signs and Semiotic Systems					1	1
International Studies in the Philosophy of Science				1		1
Janus : sosiaalipolitiikan ja sosiaalityön tutkimuksen aikakauslehti					1	1
Journal for General Philosophy of Science	1					1
Journal for the Theory of Social Behaviour	1					1
Journal of Cognitive Science					1	1
Journal of Logic, Language and Information				1		1
Journal of Medical Ethics				1		1
Journal of Philosophical Logic	1					1
Journal of Philosophy					1	1
Journal of Religious Ethics			1			1
Journal of Social Philosophy			1			1
Journal of the History of Ideas					1	1
Kasvatus	1					1
Lahden yliopistokeskuksen toimintakertomus		1				1
Language & History					1	1
Lecture Notes in Computer Science				1		1
Liikunta & Tiede			1			1
Linguistics and the Human Sciences.			1			1
Lodz papers in pragmatics.	1					1
Logic journal of the IGPL		1				1
Method & Theory in the Study of Religion	1					1
Midwest Studies in Philosophy		1				1
Mind and Matter	1					1
Neuroquantology					1	1
News and views	1					1
Notices of the American Mathematical Society			1			1
Notre Dame philosophical reviews			1			1
Nya Argus					1	1
Palmenia : Koulutus- ja kehittämiskeskus Palmenian asiakaslehti.	1					1

Perusta			1				1
Philosophia scientiae : travaux d'histoire et de philosophie des sciences	1						1
Philosophical Quarterly		1					1
Philosophical Topics						1	1
Philosophy Compass			1				1
Pluralist						1	1
Tampere Club series			1				1
Prolegomena					1		1
Protosociology : an international journal of interdisciplinary research.	1						1
Public Choice			1				1
Quarterly Review of Biology				1			1
Res Publica						1	1
Revue Internationale de Philosophie	1						1
Science, Technology & Society					1		1
Senioriopettaja						1	1
Simulation & Gaming						1	1
Slagmark			1				1
Social Epistemology			1				1
Sociologia		1					1
Southern Journal of Philosophy	1						1
Stanford encyclopedia of philosophy		1					1
Stat.fi : Tilastokeskuksen asiakaslehti				1			1
Storia del Pensiero Economico. Nuova Serie		1					1
Studia Logica		1					1
Studies in History and Philosophy of Science					1		1
Studies in logic.				1			1
Synteesi : taiteidenvälisen tutkimuksen aikakauslehti						1	1
Taloussanommat			1				1
The Baltic International Yearbook of Cognition, Logic and Communication					1		1
Theory and Decision			1				1
Thesis Eleven					1		1
Tiede						1	1
Tiedepolitiikka		1					1
Töölöläinen : Töölön, Meilahden ja Länsi-Pasilan kaupunginosalehti				1			1
Valtiotyöntantaja.					1		1
Vartija : ihminen, uskonto, yhteiskunta.	1						1
Vipu : kestäväää kehitystä edistäväää tekniikkaa esittelevä lehti				1			1
WIP-uutiset : WSOY:n tiedotuslehti kirjakaupoille	1						1
Virittäjä		1					1
Voprosy ekonomiki				1			1
Grand Total	54	39	47	36	41	49	266

The following titles were excluded from the table (not journals):

- Vihdin Enäjärvi-projekti vuosina 1998-2004
- J. V. Snellman

Journal ranking (Norway, Australia, ERIH)

Journals	Grand Total	Norway	Australia	ERIH Anthropology (Social) 2007	ERIH History and Philosophy of Science (2007)	ERIH Linguistics (2007)	ERIH Literature (2008)	ERIH Pedagogical and Educational Research (2007)	ERIH Philosophy (2007)	ERIH Psychology (2008)	ERIH Religious Studies and Theology (2007)
Niin & näin : filosofinen aikakauslehti.	14		C						C		
Journal of Economic Methodology	6	1	B								
Erkenntnis	5	2	A		A				A		
Ajatus	4		C						C		
Kanava	4						C				
Transactions of the Charles S. Peirce Society	4	1	C								
Philosophical Studies : an international journal for philosophy in the analytic tradition	3	2	A*						A		
Philosophy of the Social Sciences	3	2	B		B				B		
Semiotica	3	1	A	B		A					
Synthese	3	2	A*		A				A		
Theoria	3	1	A		B				B		
Accounting, Organizations and Society	2	2	A*								
Analysis	2	2	A		A				A		
Annals of Pure and Applied Logic	2	2	A								
British Journal for the Philosophy of Science	2	2	A*		A				A		
Bulletin of Symbolic Logic	2	2	A		B				A		
Foundations of Science	2	1	B		B						
History of Philosophy Quarterly	2	1	B						B		
J.UCS the journal of universal computer science.	2	1									
Journal of Consciousness Studies	2	2	A						B	B	
Journal of Philosophical Research	2	1	B						B		
Mathematical Logic Quarterly	2	1	B								
Metaphilosophy	2	2	B						B		

Mind & Society	2		C		B				B		
Perspectives on Science	2		C		B						
Philosophia Mathematica	2	1	B		B						
Philosophy of Science	2	2	A*		A				A		
Science Studies : a Scandinavian journal published by the Finnish Society for Science Studies	2	1	B		B						
American Journal of Theology & Philosophy	1	1	C								
Archive for Mathematical Logic	1	1	B						B		
Axiomathes	1		B								
Biology and Philosophy	1	2	A*		B				A		
BioSocieties	1		C								
British Journal for the History of Philosophy	1	2	A						A		
Cognitive systems research	1	1	C								
Computational Statistics & Data Analysis	1	1	A								
Contemporary Pragmatism	1	1	B								
Critical Horizons	1	1	A								
Economics and Philosophy	1	1	A		A				A		
Environment and Planning A	1	2	A								
Ethical Theory and Moral Practice	1	1	A						B		B
Ethics	1	2	A*						A		A
European Journal of Philosophy	1	2	A*						B		
European Journal of Political Economy	1	1	A								
European Journal of Political Theory	1	1	A								
History and Philosophy of Logic	1	1	B		B				B		
Human affairs	1	1	C								
International Journal for Philosophy of Religion	1	2	A						B		A
International Studies in the Philosophy of Science	1	1	A		A						
Journal for General Philosophy of Science	1	1	B		B						
Journal for the Theory of Social Behaviour	1	1	B							C	
Journal of Logic, Language and Information	1	1	A			A			B		
Journal of Medical Ethics	1	2	A						B		A
Journal of Philosophical Logic	1	2	A*		A				A		
Journal of Philosophy	1	2	A*		A				A		
Journal of Religious Ethics	1	2	A								B
Journal of Social Philosophy	1	2	A								
Journal of the History of Ideas	1	2	A		A		A				
Kasvatus	1							C			
Language & History	1		C								

Lecture Notes in Computer Science	1	1																		
Linguistics and the Human Sciences.	1	1	B																	
Logic Journal of the IGPL	1	1	B		B															
Method & Theory in the Study of Religion	1	2	A																	A
Midwest Studies in Philosophy	1	2	A*		B															A
Mind and Matter	1	1																		
Notices of the American Mathematical Society	1	1	B																	
Nya Argus	1										C									
Philosophia scientiae : travaux d'histoire et de philosophie des sciences	1	1	C		C															
Philosophical Quarterly	1	2	A*																	A
Philosophical Topics	1	2	A																	B
Philosophy Compass	1	1	A																	
Pluralist	1		C																	
Prolegomena	1	1	C																	
Public Choice	1	2	A																	
Quarterly Review of Biology	1	1	A*																	
Res Publica	1	1	B																	B
Revue Internationale de Philosophie	1	1	A																	B
Science, Technology & Society	1		C																	
Simulation & Gaming	1	1	A																	
Slagmark	1	1																		
Social Epistemology	1		A																	
Southern Journal of Philosophy	1	2	A																	B
Stanford encyclopedia of philosophy	1	1																		
Studia Logica	1	1	A		A															A
Theory and Decision	1	1	A		B															A C
Thesis Eleven	1	1	A																	
Vartija : ihminen, uskonto, yhteiskunta.	1																			C
Virittäjä	1	2	C								C									

Amount of ranked articles (Norway)

Norway	Journal articles
Level 2	49
Level 1	63

Amount of ranked articles (Australian)

Australia	Journal articles
Level A*	20
Level A	45
Level B	33
Level C	36

Book publishers

Publisher ranking (based on Norwegian ranking list)

2 = leading scientific

1 =scientific

no = non-scientific or not ranked

C1 Published scientific monograph (15)

C2 Edited book, compilation, conference proceeding or special issue of journal (34)

D5 Text book or professional handbook or guidebook or dictionary (1)

E2 Popular monograph (1)

7 books of 51 have been published by a high ranked leading scientific publisher, 26 by a ranked scientific publisher.

Publisher	c1_scientific_monograph	c2_edited_book_compilation_conferenceproceedings_special	d5_textbook_professional_handbook	e2_popular_monograph	Grand Total	Publisher ranking
Springer	2	7			9	1
Philosophical Society of Finland = Societas philosophica Fennica	1	6			7	no
Gaudeamus	1	3		1	5	1
College Publications		2			2	1
Helsinki University Press = Yliopistopaino kustannus	1	1			2	1
Cambridge University Press		1			1	2
Continuum	1				1	2
Edita			1		1	1
Edita Prima		1			1	1
Elsevier		1			1	1
Erasmus University Rotterdam	1				1	no
Gaudeamus Helsinki University Press		1			1	1
Imprint Academic		1			1	1

John Benjamins		1			1	2
Journal of Economic Methodology		1			1	no
Kluwer Academic Publishers		1			1	1
niin & näin -kirjat	1				1	no
Oxford University Press	1				1	2
Palgrave Macmillan		1			1	2
Reidel		1			1	no
Rodopi	1				1	2
Suomalainen teologinen kirjallisuusseura	1				1	no
Tampere University Press		1			1	1
University of Helsinki		1			1	no
University of Helsinki, Department of Philosophy		1			1	no
University of Helsinki, Department of Philosophy (Helsingin yliopisto, teoreettisen filosofian ja filosofian (ruotsinkiel.) sekä käytännöllisen filosofian oppiaineet)		1			1	no
University of Helsinki, Helsinki Collegium for Advanced Studies		1			1	no
University of Tampere	1				1	no
University Press of America	1				1	1
Walter de Gruyter	1				1	2
Vrin	1				1	no
Grand Total	15	34	1	1	51	

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