

# Preface to Proceedings of the 1st Workshop on Recommender Systems in Technology Enhanced Learning (RecSysTEL 2010)

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1<sup>st</sup> Workshop on Recommender Systems for Technology Enhanced Learning (RecSysTEL 2010)

## Preface

Nikos Manouselis<sup>\*,a</sup>, Hendrik Drachslers<sup>b</sup>, Katrien Verbert<sup>c</sup>, Olga C. Santos<sup>d</sup>

<sup>a</sup> Greek Research and Technology Network (GRNET), 56 Messogeion Av., 115 27, Athens, Greece

<sup>b</sup> Open University of the Netherlands (OUNL), P.O. Box 2960, 6401 DL Heerlen, The Netherlands

<sup>c</sup> Postdoctoral fellow FWO at the Katholieke Universiteit Leuven, Celestijnenlaan 200A, 3001 Leuven, Belgium

<sup>d</sup> aDeNu Research Group, UNED. Calle Juan del Rosal, 16, Madrid 28040, Spain

Technology enhanced learning (TEL) aims to design, develop and test socio-technical innovations that will support and enhance learning practices of both individuals and organisations. It is an application domain that generally addresses all types of technology research & development aiming to support teaching and learning activities. Information retrieval is a pivotal activity in TEL, and the deployment of recommender systems has attracted increased interest during the past years.

Recommendation methods, techniques and systems open an interesting new approach to facilitate and support learning and teaching. There are plenty of resources available on the Web, both in terms of digital learning content and people resources (e.g. other learners, experts, tutors) that can be used to facilitate teaching and learning tasks. The challenge is to develop, deploy and evaluate systems that provide learners and teachers with meaningful guidance in order to help identify suitable learning resources from a potentially overwhelming variety of choices.

The 1<sup>st</sup> Workshop on Recommender Systems for Technology Enhanced Learning (RecSysTEL) builds upon the tradition of a series of workshops on Social Information Retrieval for Technology Enhanced Learning (SIRTEL), Context-Aware Recommendation for Learning and Towards User Modelling and Adaptive Systems for All (TUMAS-A)<sup>a</sup>. RecSysTEL was organised jointly by the 4th ACM Conference on Recommender Systems (RecSys 2010) and the 5th European Conference on Technology Enhanced Learning (EC-TEL 2010), on 29-30 September 2010 in Barcelona, Spain. Its main goal was to bring together researchers and practitioners who are working on topics related to the design, development and testing of recommender systems in educational settings as well as present the current status of research in this area and create cross-disciplinary liaisons between the RecSys and EC-TEL communities. Overall, its contributions outline the rich potential of TEL as an application area for recommender systems and identify the challenges of developing such systems in a TEL context.

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\* Corresponding author. Tel.: +30-210-7474267; fax: +30-210-7474 490

E-mail address: [nikosm@ieee.org](mailto:nikosm@ieee.org)

<sup>a</sup> <http://adenu.ia.uned.es/workshops/recsystem2010/past.htm>

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Nikos Manouselis  
Hendrik Drachler  
Katrien Verbert  
Olga C. Santos

*Guest editors*