



Rome, Domus Pacis – 12-14 October 2006

The Impact of Digital Library Service on Scientific Production of a Media Sized University: The University of Messina's Experience

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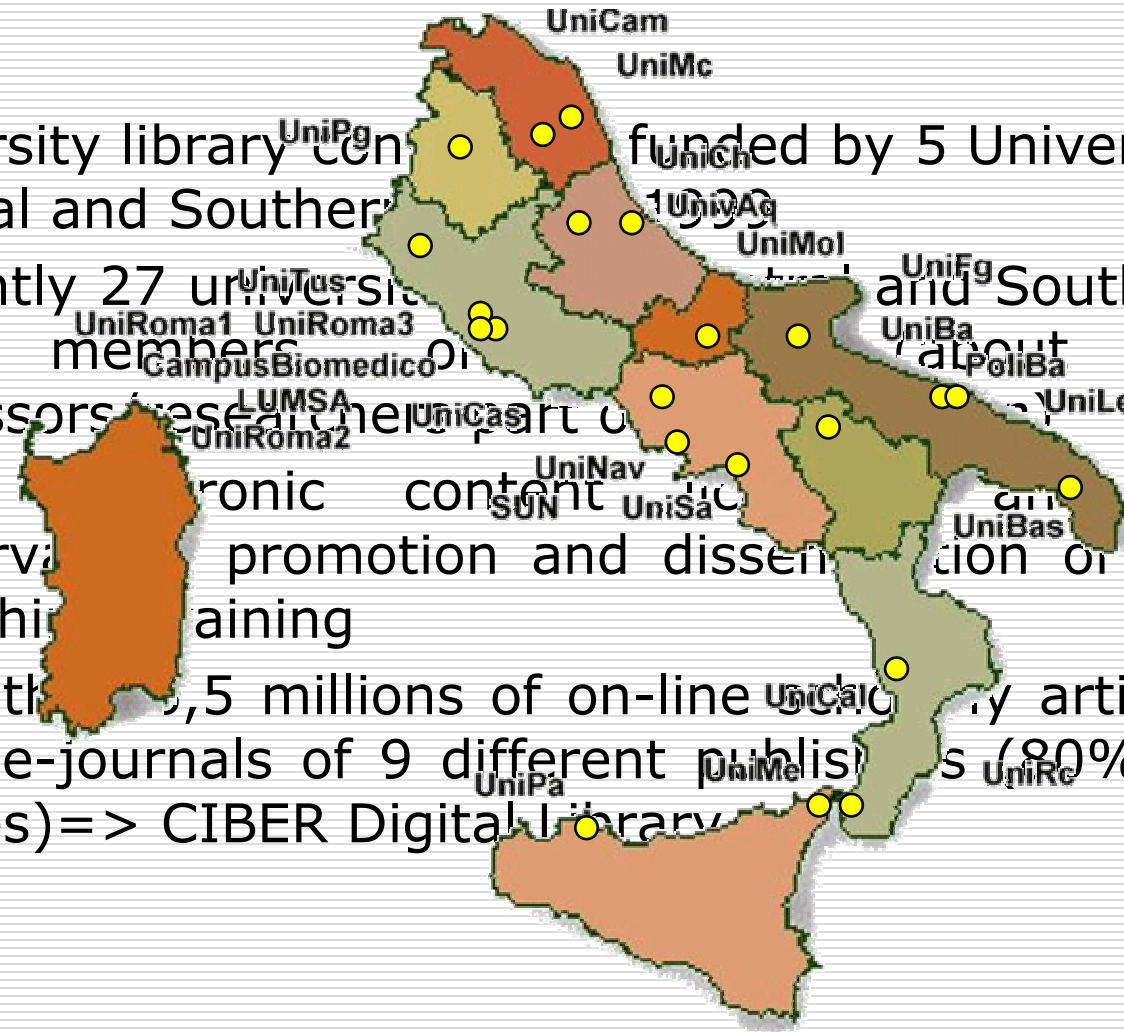
Agenda

- ❑ The *CIBER* context
- ❑ An overview on usage statistics production for *CIBER*'s users
- ❑ The new portal for usage statistics
- ❑ Users sample identification
- ❑ Network tools chosen to measure users' productivity
- ❑ Analysis methodology
- ❑ Some *preliminary* results
- ❑ Final remarks

The CIBER context

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- university library center funded by 5 Universities in Central and Southern Italy
- currently 27 universities and Southern Italy are members about 25.000 professors, researchers part of
- aims: electronic content loading, preservation, promotion and dissemination of scholarly publishing training
- more than 5 millions of on-line scholarly articles from 4477 e-journals of 9 different publishers (80% full-text articles) => CIBER Digital Library



Usage statistics for CIBER DigLib

- Fully compliant with COUNTER⁽¹⁾ specs (rel. 2) since May 2005 (data available since January 2005)

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- All stats data feed a local DB (MySQL based)

(1) <http://www.projectcounter.org>

The new portal for usage statistics

- Interactive multi-user system
- Output schema (stats download included)
 - JR1 and JR2 Standard COUNTER reports
 - Top list reports (journals, issues, articles, subjects, IP)
- New elements of usage analysis:
 - Article cover date
 - Library of Congress Subject e-journals Categories
 - MIUR⁽¹⁾ Subject e-journals Categories
- The “free query” function
- Open source tools for portal development

(1) Italian Ministry of Universities and Scientific Research



Coordinamento Interuniversitario
Basi dati & Editoria in Rete

Gruppo di Lavoro Statistiche



Home
Anno

Home -> Riepilogo Generale - 2006

Counter (K2)

CIBBER (Consorzio)



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Home
Anno

Home -> query - 2006

Counter (K2)

CIBBER (Consorzio)

QUERY LIBERA

In questa sezione e' possibile effettuare una query con i dati desiderati.

Report Analitico
Categorie MIUR
Query Libera
Tabelle
Info
Uscita

Agg. Agosto 2006

Anno: Raggruppamento: Conteggio:

IP: Ordinarmento: Crescente

ISSN: Mostra righe:

Anno Article:

Mese DWL:

Avvia Ricerca Ripristina

Categoria:

a cura del C.A.B. Centro di Ateneo per le Biblioteche - Messina



Software Linux



MySQL

Altre categorie

Farmacol.Tossicol
Sc.Famaceutiche

Ing.Civile
Architettura

Ing. Industriale
e cell.informaz.

Sc. agrarie e
Veterinario

Sc.Biologiche

Sc.Chimiche

Sc.Antichità Filolog.
letter. Storico-artist.

Sc. della Terra

Sc. Economiche
e Statistiche

Sc. Fisiche

Sc. Giuridiche

Sc. Matematiche
e Informatiche

Sc. Mediche

Sc. Politiche
e Sociali

Sc. Storiche Filosof.
Pedagog. Psicolog.

The chosen approach

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- **Query:** T...
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- APPLIED CATALYSIS A-GENERAL
- APPLIED SURFACE SCIENCE
- Catalysis Today
- EUROPEAN JOURNAL OF PHARMACOLOGY
- Food Chemistry
- JOURNAL OF CHROMATOGRAPHY A
- JOURNAL OF HEPATOLOGY
- Journal of Molecular Liquids
- Journal of Molecular Structure
- Journal of Pharmaceutical and Biomedical Analysis
- Marine Chemistry
- NUCLEAR PHYSICS A
- Physica B: Condensed Matter
- Studies in Surface Science and Catalysis
- Thermochimica Acta
- Farmaco
- Life Sciences
- Forensic science international
- Neuroscience Letters
- Journal of the European Ceramic Society
- Journal of Power Sources
- Materials Science and Engineering A

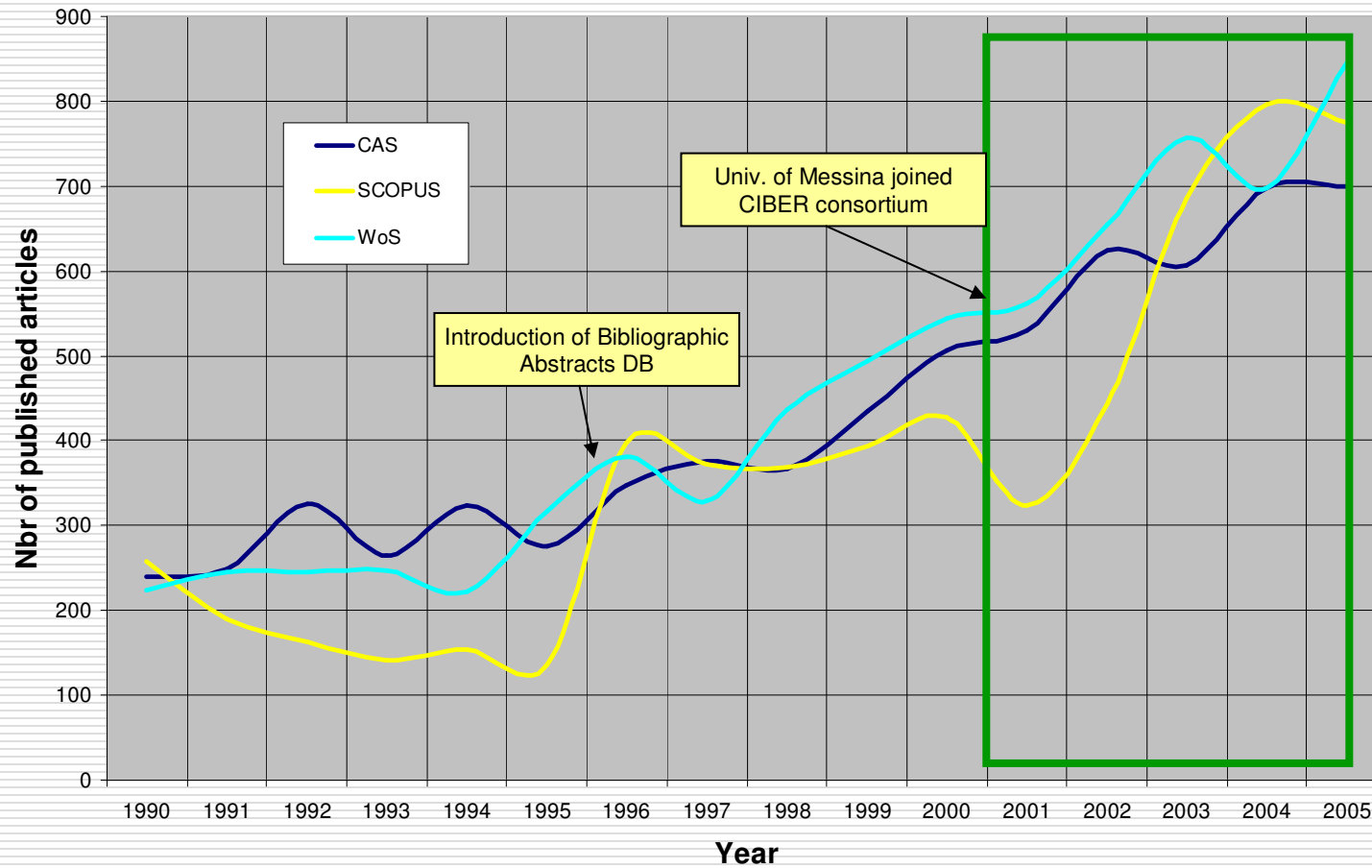
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Scientific production

University of Messina scientific Production

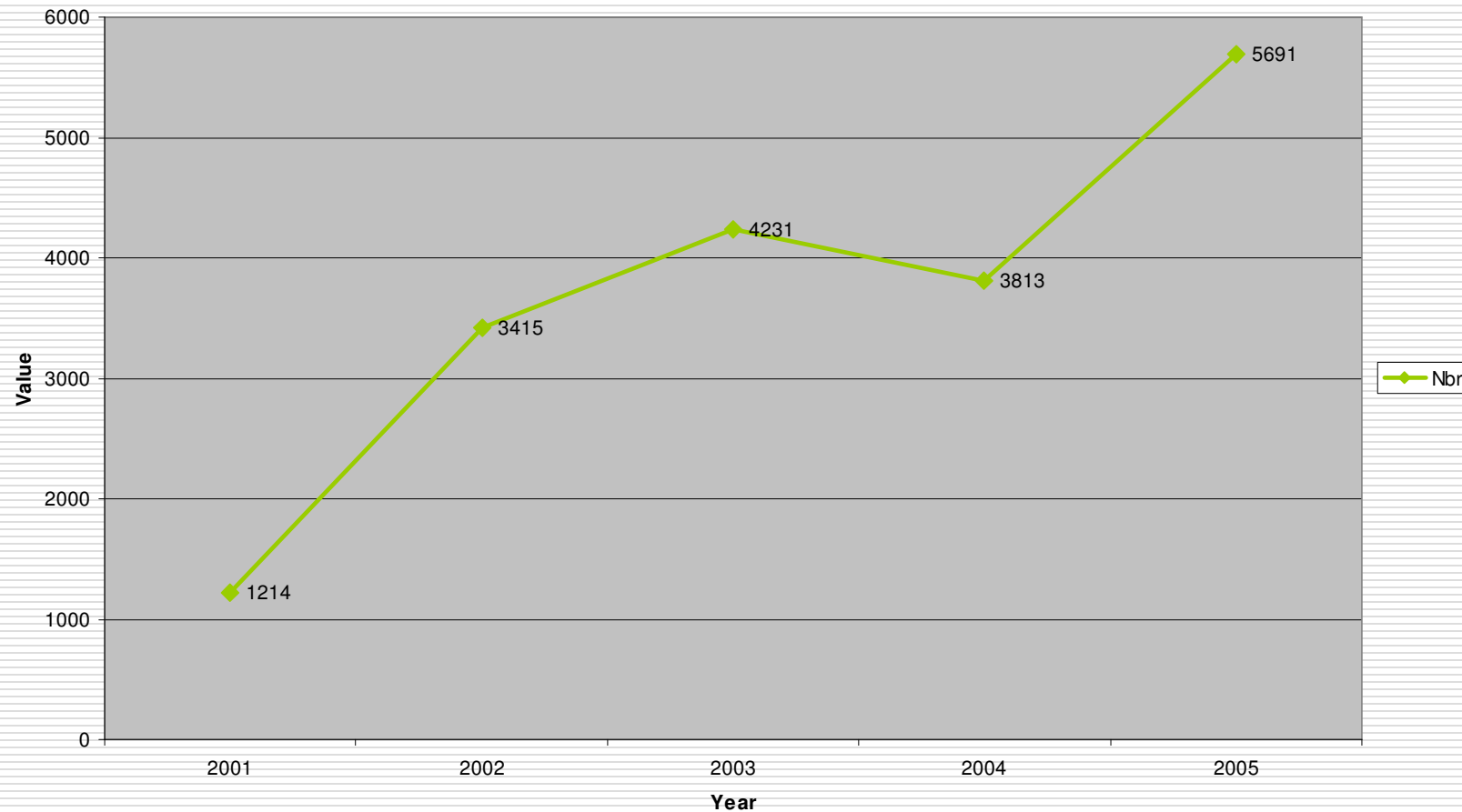


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Articles download

Number of downloaded articles



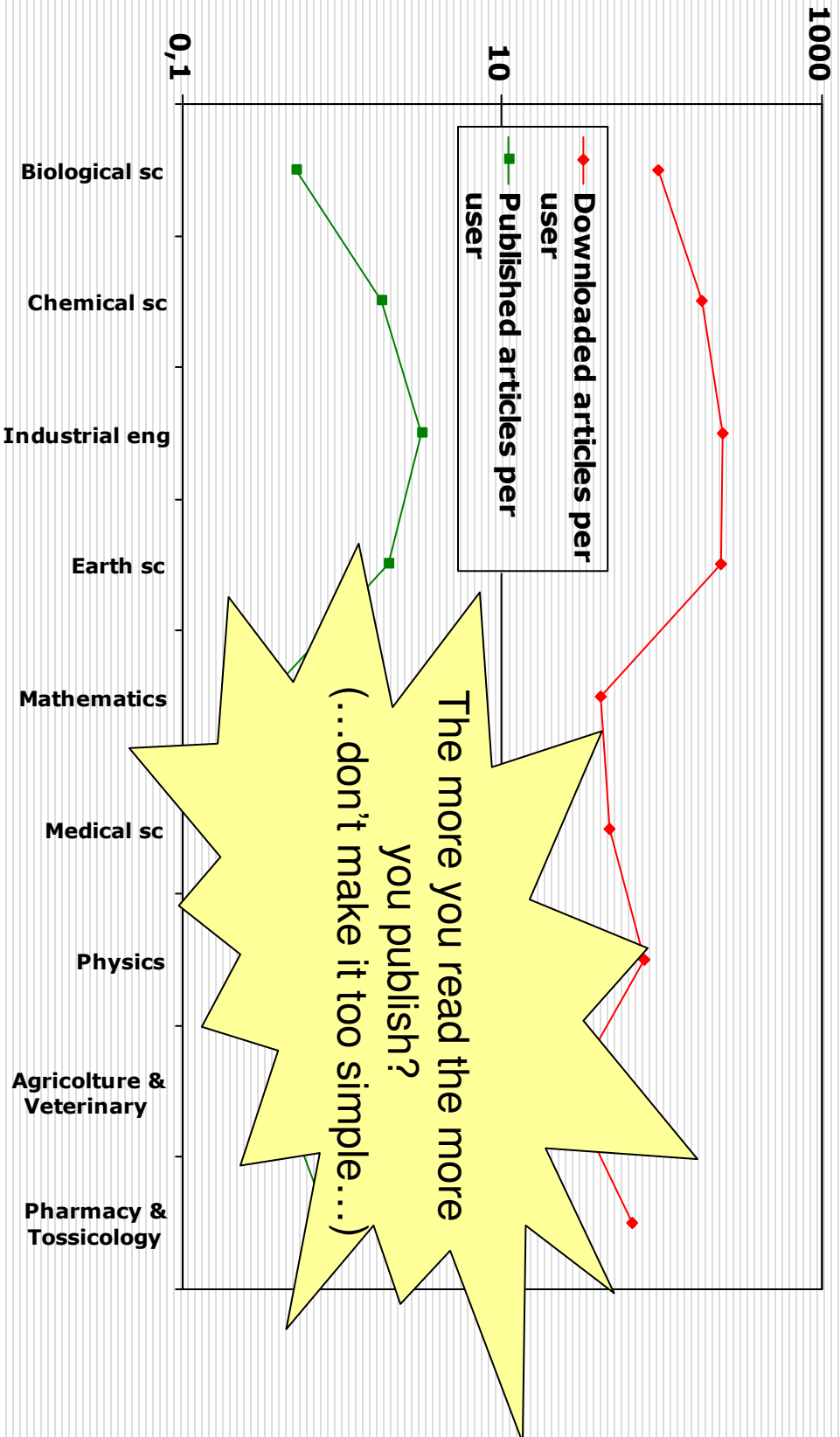
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Possible correlation?

- ❑ Given a specific year (2004) we tried to find a possible correlation between the number of downloaded articles and scientific production
- ❑ Focus on various scientific disciplines
- ❑ SCOPUS as tool to measure scientific production (better coverage of Italian scholarly journals)
- ❑ Used *normalized* data

The RMS user



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Final remarks

- Difficulty in getting out coherent information on scientific production
- Data analysis performed only on a specific subset of Messina scientific population
- Interest in enlarging *user's attitude* to scientific production involving other CIBER universities

Thank you for your attention

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