

**3rd International Symposium on Information Management in a Changing World,
September 19-21, 2012, Ankara, Turkey**

Symposium web site: by2012.bilgiyonetimi.net/en/

**E-Science and Information Management
(Second Call for Papers)**

SCOPE

The "3rd International Symposium on Information Management in a Changing World" (or IMCW2012), organized by the Department of Information Management of Hacettepe University, will take place in Ankara, Turkey, from 19-21 September 2012 (<http://by2012.bilgiyonetimi.net/en/>)

"E-Science and Information Management" being the main theme, IMCW2012 aims to bring together both researchers and information professionals to discuss the implications of e-science for information management.

A distinguished scientist and currently the Corporate Vice President of Microsoft Dr. **Tony Hey** is the keynote speaker of IMCW2012. "E-Science" is defined as collaborative, networked and data-driven science. In his keynote speech, Dr. Hey will highlight the major issues that e-science scholars and researchers are faced with when working with large and distributed data sets, processing and visualizing them using advanced technologies and software packages. He will share his views on some of the challenges that both scholars and information professionals have to tackle (e.g., gathering, curating, organizing, storing, and managing large amount of data, and providing perpetual access to them over the Internet).

Accepted papers and posters will appear in the proceedings book to be published by Springer under its CCIS series (<http://www.springer.com/series/7899>) and the Symposium web site. Papers that appear in Springer's CCIS series are indexed in Thomson Reuter's *Conference Proceedings Citation Index*.

Because IMCW2012 coincides with the 40th anniversary of the foundation of the Department of Information Management of Hacettepe University, to commemorate this event we organized an international ex libris competition with the theme "information management" (<http://exlibris.hacettepe.edu.tr/index.php?lang=en&page=HomePage>). The winning art works of ex libris will be exhibited during the symposium. (Please note: Different deadlines apply for the ex libris competition.)

As organizers, we thought this is an opportune time for IMCW2012 to review the challenges for research libraries and information professionals in the collaborative, networked, and data intensive e-science environment. Such challenges range from information literacy to intellectual property rights, from developing open access data repositories for e-science to using digital tools for data processing and visualization, and from collection development and management to reference services and e-science librarianship.

Main topics of the Symposium include (but not limited with) the following:

Data Management Challenges in E-Science

- Data driven e-science
- Data intensive research
- Data science
- Grids for e-science
- E-Science in the cloud
- Infrastructures and networks for e-science
- Systems, tools and services for e-science
- Data security and access control

Virtual research environments and data management
Community of practices

Data Life-cycle in E-Science

Data discovery and identification
Data curation and collection
Data presentation
Data management
Data extraction and mining
Data processing
Data retrieval
Data simulation and visualization
Data preservation

Information Discovery, Organization, and Retrieval in E-Science

Information discovery
Information representation
Information search, indexing and retrieval
Mobile information retrieval in e-science
Metadata harvesting
Metadata extraction
Metadata management
Metadata interoperability and standards
Ontology development
Ontology mapping
Mining large data sets

Information Management and E-Science

Digital data curation
Distributed collection development and management
Information management in the cloud
Developing digital information services for e-science
Mobile information services for e-science
Long term preservation of and access to data
Semantic information management

Information Architecture for E-Science

Information architecture and web design for e-science
Designing usable e-science web sites
Information usability
Interaction design for e-science web sites
Information visualization tools

Education for Information Management and E-Science

E-Science librarianship
Data curation education
Cloud librarians
Information stewardship
Biomedical informatics
Environmental informatics
Bioinformatics
Digital humanities, arts and e-social sciences
Support services for researchers, students and general public
Life-long learning and e-science
Information literacy for e-science

Scholarly Publishing, Open Access and Digital Repositories in E-Science

Scholarly publishing process in e-science
E-publishing in e-science
Open science

Open access to publicly funded scientific information
Data warehouses
Digital libraries
Federated databases
European Infrastructure for e-Science Digital Repositories (e-SciDR)

Digital Preservation of Scientific and Cultural Heritage

Digitization of scientific and cultural heritage
Digital science museums and digital exhibitions
Digitization of 2-D and 3-D scientific and cultural heritage objects
Digital re-discovery of culture
The European Digital Library, Europeana
Permanent archiving of digital scientific and cultural heritage

Social and Cultural Issues and E-Science

Digital information policies
E-governance and e-science
Intellectual property rights
Digital rights management
Legal and cultural issues
Value of information (VOI)
Information quality standards

In addition to papers, short papers (pecha kucha), posters, workshops and panels on e-science and information management, general papers on information management are also welcome. Student papers and posters will also be considered. Please use the template available on the Symposium web site to prepare your contributions and proposals, and send them to us using the Conference Management Software (openconf).

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Important Dates

First Call: July 2011

Second Call: October 2011

Third Call: December 2011

Last date to send papers and posters: 23 January 2012

Authors notification: 5 March 2012

Final papers submission and registration: 7 May 2012

Symposium: 19-21 September 2012

All suggestions and comments are welcome. Please send us your ideas about possible invited speakers at sempozyum@bilgiyonetimi.net.

Symposium Facebook event:

<https://www.facebook.com/event.php?eid=304487562911300&context=create>

Twitter hashtag: #by2012

If you wish to receive updates on IMCW2012 Symposium and the other events organized by the Department of Information Management of Hacettepe University, you can also follow us on [Twitter](#) and [Facebook](#).

Looking forward to your contributions to and participation in the Symposium.

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