

## Conference Notification

### Third International Conference on the Networked Digital Technologies (NDT 2011)

University of Macau, China. July 11-13, 2011

(<http://www.dirf.org/ndt>)

The NDT 2011 proceedings will be published in the Communications in Computer and Information Science (CCIS) Series of Springer LNCS. The proposed conference on the above theme will be held at the University of Macau, Macau, China from July 11-13, 2011 which aims to enable researchers build connections between different digital applications. Currently, a number of institutions across the countries are working to evolve better models to provide collaborative technology services for scholarship by creating shared cyberspace thro expert collaboration, but this is a challenge for the institutions for a number of reasons. In the last few years, the landscape of digital technology applications projects for the various disciplines in humanities, social sciences, and sciences appears induced by many initiatives. For the creation of research clusters, the research community has thousands of databases, websites, local computing clusters, and web-based tools around individual themes, interests and projects. In most cases, these tools and resources are and were created to meet the specific needs of a particular community. In many cases, the funding and support for these critical initiatives is fragile and temporary, and directed in piecemeal fashion. There is a need to provide concerted efforts in building federated digital technologies that will enable the formation of network of digital technologies.

#### The topics to be discussed are not limited to the following:

- Information and Data Management•
- Data and Network mining•
- Intelligent agent-based systems, cognitive and reactive distributed AI systems•
- Internet Modeling•
- User Interfaces, Visualization and modeling •
- XML-based languages•
- Security and Access Control•
- Trust models for social networks•
- Information Content Security•
- Mobile, Ad Hoc and Sensor Network Management•
- Web Services Architecture, Modeling and Design •
- New architectures for web-based social networks•
- Semantic Web, Ontologies (creation , merging, linking and reconciliation) •
- Web Services Security •
- Quality of Service, Scalability and Performance •
- Self-Organizing Networks and Networked Systems•
- Data management in mobile peer-to-peer networks•
- Data stream processing in mobile/sensor networks•
- Indexing and query processing for moving objects•
- User interfaces and usability issues form mobile applications•
- Mobile social networks•
- Peer-to-peer social networks•
- Sensor networks and social sensing•
- Social search•
- Social networking inspired collaborative computing•
- Information propagation on social networks•
- Resource and knowledge discovery using social networks•
- Measurement studies of actual social networks•
- Simulation models for social networks•
- Green Computing• Grid Computing•
- Cloud Computing•

All the papers will be reviewed and the accepted papers in the conference will be published in the “Communications in Com-puter and Information Science” (CCIS) of Springer Lecture Notes Series ([www.springer.com/series/](http://www.springer.com/series/)), and will be indexed in many global databases including ISI Proceedings and Scopus.

In addition, selected papers after complete modification and revision will be published in the following special issues journals.

1. Journal of Digital Information Management (JDIM)
2. International Journal of Information Studies (IJIS)
3. International Journal of Green Computing (IJGC)
4. International Journal of Web Applications (IJWA)
5. Journal of E-Technology

#### **General Chairs**

Simon Fong, University of Macau, Macau, China  
Sabah M.A. Mohammed, Lakehead University, Canada  
Sohail Asghar, Mohammad Ali Jinnah University, Islamabad

#### **Program Chairs**

Ezendu Ariwa, London Metropolitan University, UK  
Daniel Lemire, university of Quebec at Montreal, Canada  
John Hamilton, James Cook University, Australia  
Amr Abdel-Dayem, Laurentian University, Australia  
Ralph Deters, University of Saskatchewan, Canada

#### **Co-Chairs**

Eric Pardede, La Trobe University, Australia  
Farookh Hussain, Curtin University of Technology, Australia

#### **Workshop Chairs**

Russel Pears, Auckland University of Technology, Auckland, New Zealand  
Sun Aixin, Nanyang Technological University, Singapore

#### **Local Arrangement Chairs**

Zhuang Yan, University of Macau, Macau, China  
Yang Hang, University of Macau, Macau, China

### **The Fourth International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2011)**

Co sponsored by the IEEE Communications Society  
Proceedings will be published by IEEE and indexed in Xplore  
August 04-06, 2011  
University of Wisconsin- Stevens Point  
USA  
<http://www.dirf.org/diwt>

This conference welcomes papers address on, but not limited to, the following research topics:

- Computational Intelligence •
- Biometrics Technologies •
- Forensics, Recognition Technologies and Applications •
- Biometrics and Ethics •
- Fuzzy and neural network systems •
- Signal processing, pattern recognition and applications •
- Digital image processing •
- Speech processing •
- Computational biology and bioinformatics •
- Parallel and distributed computing and networks •
- Information retrieval and internet applications •
- Software engineering •
- Biometrics and CSR •

- Artificial intelligence and applications •
- Databases and applications •
- Genetic algorithms •
- Data mining •
- Real time systems •
- Computer and network security •
- Multi-Agent systems•

Modified versions of the selected papers of the conference will be published in the following peer reviewed journals

1. Journal of Digital Information Management
2. International Journal of Web Applications
3. International Journal of Information Studies
4. Journal of E-Technology
5. Journal of Information Technology Review

#### **General Chair**

Robert.Dollinger, University of Wisconsin Stevens-Point, USA

#### **Program Chairs**

Sergiu Nedevski, Technical University Of Cluj-Napoca, Romania

Weimin He, University of Wisconsin Stevens-Point, USA

Joel Rodrigues, Institute of Telecommunications/University of Beira Interior, Portugal

#### **Program Co-Chairs**

Patrick Seeling, University of Wisconsin Stevens-Point, USA

Tim Krause, University of Wisconsin Stevens-Point, USA

#### **Workshop Chair**

Dave Gibbs, University of Wisconsin Stevens-Point, USA

### **Sixth International Conference on Digital Information Management ICDIM 2011**

La Trobe University, Melbourne, Australia

September 14-16, 2011

Co –sponsored by the IEEE Technology Management Council. Proceedings will be published by IEEE and indexed in IEEE Xplore.

#### **About ICDIM**

Following the successful earlier conferences at Bangalore (2006), Lyon (2007), London (2008), Michigan (2009) and Thunder Bay (2010) the sixth event is being organized at La Trobe University, Melbourne, Australia in 2011 September. The International Conference on Digital Information Management is a multidisciplinary conference on digital information management, science and technology. The principal aim of this conference is to bring people in academia, research laboratories and industry together, and offer a collaborative platform to address the emerging issues and solutions in digital information science and technology. The ICDIM intends to bridge the gap between different areas of digital information management, science and technology. This forum will address a large number of themes and issues. The conference will feature original research and industrial papers on the theory, design and implementation of digital information systems, as well as demonstrations, tutorials, workshops and industrial presentations.

#### **The topics in ICDIM 2011 include but are not confined to the following areas.**

- Temporal and Spatial Databases•
- Data Mining•
- Web Mining including Web Intelligence and Web 3.0•
- E-Learning, eCommerce, e-Business and e-Government•
- Web Metrics and its applications•

