

Call for Papers

The Fifth International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2012)

August 27-29, 2011

University of Cyprus, Nicosia, Cyprus

<http://www.dirf.org/diwt>

Technically co-sponsored by IEEE Communications Society Proceedings will be published by IEEE Xplore

The Fifth International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2012) is a forum for scientists, engineers, and practitioners to present their latest research results, ideas, developments and applications in the areas of Computer Communications, Communication networks, Communication Software Communication Technologies and Applications, and other related themes.

This conference (ICADIWT 2012) will include presentations of contributed papers and state-of-the-art lectures by invited keynote speakers.

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

- Computer Communication
- Communication Technologies
- Forensics, Recognition Technologies and Applications
- Communication Software
- Fuzzy and neural network systems
- Signal processing, pattern recognition and applications
- Digital image processing
- Speech processing
- Computational biology and bioinformatics
- Computer networks
- Information retrieval and internet applications
- Software engineering
- Data Communication
- Digital Communication
- Databases and applications
- Distributed Computing
- Data mining
- Real time systems
- Computer and network security
- Multi-Agent systems

Program Committees

General Chair

George Angelos Papadopoulos, University of Cyprus, Cyprus

Program Chairs

Weimin He, University of Wisconsin Stevens-Point, USA

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

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

Submission of papers	January 31, 2012
Notification of Acceptance	March 31, 2012
Camera ready	May 31, 2012
Registration early bird	June 30, 2012
Registration late	July 20, 2012
Conference dates	August 27-29 2012

Conference Mail: diwt@dirf.org

The Fourth International Conference on the Networked Digital Technologies (NDT 2012)

April 22-24, 2012

Canadian University of Dubai, UAE

The NDT 2012 proceedings will be published in the Communications in Computer and Science (CCIS 136) Series of Springer LNCS

The proposed conference on the above theme will be held at the Canadian University from April 24-26, 2012 which aims to enable researchers build connections between applications.

Currently, a number of institutions across the countries are working to evolve better provide collaborative technology services for scholarship by creating shared cyberspace collaboration, but this is a challenge for the institutions for a number of reasons.

years, the landscape of digital technology applications projects for the various humanities, social sciences, and sciences appears induced by many initiatives. For research clusters, the research community has thousands of databases, websites, local clusters, and web-based tools around individual themes, interests and projects. In most tools and resources are and were created to meet the specific needs of a particular many cases, the funding and support for these critical initiatives is fragile and temporary, in piecemeal fashion. There is a need to provide concerted efforts in building federated technologies that will enable the formation of network of digital technologies.

- 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 Computer and Information Science” (CCIS 136) of Springer Lecture Notes Series (www.springer.com/series/), and will be indexed in many global databases including ISI Proceedings and Scopus.

The NDT proceedings are indexed by dblp (<http://dblp.uni-trier.de/db/conf/ndt/>)

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
(<http://www.dline.info>)

General Chairs

Rachid Benlamri

