

## Conference Notification

### The Fifth International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2013)

August 23-25, 2013

VSB Technical University, Ostrava, Czech Republic

(<http://www.socio.org.uk/icadiwt>)

The Fifth International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2013) 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 2013) 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:

- Internet Communication
- Internet Technologies
- Web Applications
- Internet Software
- Web image processing
- Speech processing
- Computer networks
- Internet Information retrieval and applications
- Internet engineering
- Data Communication
- Digital Communication
- Databases and applications
- Distributed Computing
- Data mining
- Computer and network security
- Intelligent 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

#### Important Dates

Submission of papers	: April 30, 2013
Notification of Acceptance	: May 31, 2013
Camera ready	: June 30, 2013
Registration early bird	: June 30, 2013
Registration late	: July 15, 2013
Conference dates	: August 23-25, 2013

#### General Chair

Vacalv Snasel, VSB Technical University, Czech Republic

#### Program Chairs

Weimin He, University of Wisconsin Stevens-Point, USA

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

**The Eighth International Conference on Digital Information Management  
(ICDIM 2013)  
September 10-12, 2013  
Islamabad, Pakistan  
(Technically co-sponsored by IEEE Technology Management Council)  
Proceedings will be indexed in IEEE Xplore  
([www.icdim.org](http://www.icdim.org))**

**Call for Papers**

Following the successful earlier conferences at Bangalore (2006), Lyon (2007), London (2008), Michigan (2009), Thunder Bay (2010), Melbourne (2011), and Macau (2012) the eighth event is being organized at Islamabad, Pakistan in 2013. 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 8th International Conference on Digital Information Management will be held on September 10~12, 2013 at the Marriott Hotel Islamabad in Pakistan.

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 2013 include but are not confined to the following areas.

- Information Retrieval
- Data Grids, Data and Information Quality
- Temporal and Spatial Databases
- Data Warehouses and Data Mining
- Web Mining including Web Intelligence and Web 3.0
- E-Learning, eCommerce, e-Business and e-Government
- Natural Language Processing
- XML and other extensible languages
- Web Metrics and its applications
- Enterprise Computing
- Semantic Web, Ontologies and Rules
- Human-Computer Interaction
- Artificial Intelligence and Decision Support Systems
- Knowledge Management
- Ubiquitous Systems
- Peer to Peer Data Management
- Interoperability
- Mobile Data Management
- Data Models for Production Systems and Services
- Data Exchange issues and Supply Chain
- Data Life Cycle in Products and Processes
- Case Studies on Data Management, Monitoring and Analysis
- Security and Access Control
- Information Content Security
- Mobile, Ad Hoc and Sensor Network Security
- Distributed information systems



## 2nd Symposium on Nature Inspired Computing and Applications (NICA) @ AISB 2013

### Convention Website

<http://emps.exeter.ac.uk/computer-science/research/computer-science/research-interests/nature-inspired-computing/aisb/>

This symposium, focussing on the theory and application of nature-inspired computing techniques will take place as part of the AISB 2013 convention from April 2nd-5th 2013 at the University of Exeter, Exeter, UK.

The congress is organised by the Society of the Study of Artificial Intelligence and Simulation of Behaviour (AISB).

The congress website can be found here: [http://www.aisb.org.uk/events/aisb13/Symposium Description](http://www.aisb.org.uk/events/aisb13/Symposium%20Description).

Nature-Inspired Computing covers a wide range of algorithms that take inspiration from natural systems such as evolution, swarm intelligence, human intelligence and life processes to create algorithms that exceed the performance of their traditional rivals in a wide variety of application areas. This symposium is designed to provide a forum for researchers in the field of Nature Inspired Computation (broadly considered) to present theoretical advances and novel applications in this field and to discuss NICA in a wider context.

### Call for Papers

- Authors are invited to submit their original work in the areas including, but not limited to:
- Evolutionary algorithms
- Swarm intelligence algorithms (e.g. ACO, PSO, Bee Hive algorithms)
- Neural networks (e.g. ANNs, SOMs, RBF Networks)
- Decision Trees, Bayesian and Statistical Machine Learning
- Cellular Automata & Artificial Life
- Hybrid Nature-Inspired Algorithms
- Parallel and GPGPU Implementations of Nature-Inspired Computing

This work should describe a new or modified nature-inspired method, or a novel application to a problem domain. Domains of interest include, but are not limited to:

- Cognitive Science
- Machine Creativity (e.g. music & art)
- Operations Research
- Bioinformatics
- Engineering Design
- Classification and Prediction in Large-Scale Datasets
- Logic & Computability & Natural Language Processing

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### Submission Formats

Regular paper: 8 pages Short paper: 4 pages

Please submit extended abstracts (between 1 and 2 pages in length) in Microsoft Word format by the deadline below using the NICA Word Template (available on the website).

Please submit papers by e-mailing a PDF copy of your paper along with your contact details to the symposium chair.

### Important Dates

Submission deadline: Author Notification: Camera Ready Copy:

14th January 2013 11th February 2013 4th March 2013

## **Convention Information**

The Convention will consist mainly of a number of colocated Symposia on specific research areas, interspersed with Congress-wide refreshment breaks, social events and invited Plenary Talks. All papers other than the invited Plenaries will be given within Symposia.

## **Proceedings**

There will be separate proceedings for each symposium, produced before the Convention. Each delegate at the Conference will receive, on arrival, a memory stick containing the proceedings of all symposia.

## **Contact**

Symposium Chair

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## **Programme Committee**

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Dr Jacqueline Christmas Prof. Richard Everson Dr Jonathan Fieldsend Dr Antony Galton

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