



Wrocław  
University  
of Technology



# 9<sup>th</sup> International Conference on Multimedia & Network Information Systems MISSI'14



[www.MISSI.pwr.wroc.pl](http://www.MISSI.pwr.wroc.pl)

**17–19 September, 2014, Poland**

It is our pleasure to invite you to participate in the 9th International Conference on *Multimedia & Network Information Systems* – MISSI'14, organized by the Institute of Informatics of the Wrocław University of Technology in Poland.

The MISSI Conference is a biennial event that offers both the researchers and the practitioners a unique opportunity to exchange ideas, opinions and experiences. This is already the 9<sup>th</sup> edition of the Conference. The first Conference took place as early as in 1998 and gathered participants from Poland. Starting from the 4<sup>th</sup> edition the Conference is an international event. The Conference is a meeting place for the research workers from the universities, museums, libraries and other cultural institutions as well as for the representatives of multimedia software companies. The distinctive features of the Conference are long, intense and sometimes fierce discussions during both formal and informal meetings.

The role of the MISSI Conference in the stimulation of new solutions in the field of multimedia and network information systems (IS) is not to be underestimated. The multimedia and network systems are especially important nowadays as the European Union has started to pay special attention to the protection and keeping record of the cultural heritage of the united Europe.

The scope of the Conference covers theoretical and practical aspects of multimedia and network information systems. In particular, the topics include (but are not limited) to the following subjects:

**Web Systems and Network Technologies:** Cloud Computing, Deep Web Processing, Internet Search Engines, Machine Learning in Web-based Systems, Mashup Systems, Ontology Management and Alignment, Recommender Systems, Semantic Web, System Integration, Topical Crawlers, Trust and Security Management, Virtual Communities, Web Mining, Web Traffic Optimization, Web Usability and Accessibility.

**Web 2.0 and Collaborative Systems:** Application Sharing, Collaborative Learning, Collaborative Project Management, Complex Networks, e-Learning 2.0, Electronic Communication, Intelligent Networks, Rich Internet Applications, Social Networks, Social Web, Web Publishing, Web-Oriented Architecture.

**Data Processing in Information Systems:** AI in Information Systems, Big Data, Computational Intelligence, Data Quality, Data Warehouses and Data Mining, Distributed Processing, Efficiency of Information Systems, Human Computer Interaction, Knowledge Management, Multi-Agent Systems, Metadata in Information Systems.

**Multimedia Information Technology:** Affective Computing, Augmented Reality, Computer Vision, Content-based Image Retrieval, Digital Sound Processing, Digital Video, Extended Reality, Image Processing, Multimedia Content Management Systems, Multimedia Databases, Multimedia Indexing and Retrieval, Multimedia Processing, Multimedia Sharing Systems, Music Information Retrieval, Network Games, Session Mobility, Sound and Music Computing, Speech Recognition and Synthesis, Video Editing Software, Video on Demand, Virtual Reality Technologies, Visual Retrieval Systems.

**Information System Applications:** Business Intelligence, Enterprise Information Systems, Geographical Information Systems, Medical Information Systems, Mobile Information Systems, Nature-Inspired Information Systems.

**Digital Libraries:** Cultural Heritage Digitalization, Digital Library, Distributed Repositories, Semantics, Services Atomization, Usage Mining, Virtual Museums.

## Papers and Publication:



Papers are invited from prospective authors with interests on the indicated conference topics and related areas of application. All contributions should be original and not published elsewhere or intended to be published during the review period of time. Papers should not exceed 10 pages. To ensure high quality, all submitted papers will be peer reviewed and evaluated by the MISSI'14 International Program Committee. The conference papers will be published by **Springer-Verlag** in **Advances in Intelligent Systems and Computing** series or as book chapters in an edited volume with ISBN in the Wrocław University of Technology Press (Oficyna Wydawnicza Politechniki Wrocławskiej). The conference books will be available at the conference. Extended versions of selected papers will be recommended for publication in regular or special issues of the following international journals:

- Information Sciences (included in Master Journal List),
- Journal of Web Engineering (included in Master Journal List),
- International Journal of Intelligent Information and Database Systems (IJIIDS),
- e-Informatica.

## Important dates:

<b>31 March 2014</b>	Submission of papers
<b>15 May 2014</b>	Notification of acceptance
<b>31 May 2014</b>	Final papers to be received
<b>17–19 September 2014</b>	Conference

## Organization:

<b>General Chair:</b>	Aleksander Zgrzywa, Wrocław University of Technology, Poland
<b>Organizing Chair:</b>	Elżbieta Kukła, Wrocław University of Technology, Poland
<b>Publicity Chair:</b>	Andrzej Siemiński, Wrocław, University of Technology, Poland
<b>Invited Sessions Chair:</b>	Kazimierz Choroś, Wrocław University of Technology, Poland

## Wrocław Sightseeing Tour:

The conference will take place in Wrocław which is located in the heart of Europe and is one of the most beautiful cities in Poland. A sightseeing tour is planned the second afternoon, including the visit to the Panorama of the Battle of Raclawice, an impressive relic of 19th-century culture. The large painting (15x114m) – a masterpiece of multimedia technology that is 120 years old – 'transfers' the viewer into a reality of its own by artfully combining special kind of perspectives and technical effects such as lighting, artificial terrain, dark and usually tortuous passage to the viewing platform.



**Web site:** <http://www.MISSI.pwr.wroc.pl>

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