

FINAL CALL FOR PAPERS

INTERNATIONAL CONFERENCE ON MAN-MACHINE INTERACTIONS

In Memoriam Adam Mrózek

September 25 - 27, 2009, Kocierz, Poland

<http://icmml.polsl.pl>



Organiser:



Institute of Informatics
Silesian University of Technology
Gliwice, Poland

Co-organisers:



Institute of Theoretical
and Applied Informatics,
Polish Academy of Sciences



Institute of Computer Science,
Polish Academy of Sciences



Institute of Informatics
University of Silesia

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James F. Peters (Canada)

Honorary Chair of In Memoriam Session:

Stefan Węgrzyn (Poland)

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Programme Committee:

Available at the website

About the conference

ICMMI'09 is an event dedicated to the memory of Professor Adam Mrózek, whose research interests spanned over the wide spectrum of human-machine interactions. In particular this conference focuses on automatic knowledge acquisition and processing employed in decision support systems, constantly evolving computational techniques, specialised user interfaces accessible also for disabled, and artificial intelligence methods applied in such areas as computer vision or biosciences. The ICMMI'09 Conference is inherently interdisciplinary as it aims to bring together scientists working on all these fields, to commemorate Professor Mrózek life and work, and to present and exchange their ideas.

Topics (included, but not limited to):

Computational intelligence

fuzzy sets, rough sets, near sets, intelligent systems, evolutionary computation, neural networks, soft computing, soft control

Decision support

knowledge acquisition, advances in expert systems, autonomous agents, support vector machines, man-machine automation

AI and simulations in biosciences

bioinformatics and genetics, microarray analysis, computer modelling in biology, telemedicine and e-health, mechatronics and bio-mechatronics, bio-sensors

Assistive technologies

e-learning for disabled, accessible computer hardware, computer software for disabled, robots and devices for disabled, accessible internet, adaptive and intuitive interfaces

Data processing, storage and transfer

data warehouses, data storage and retrieval, computer networks and communication systems, microcontrollers and microsystems, multimedia systems, compression techniques, system integration

Pattern recognition

computer vision, image recognition, image processing, topology of images, voice recognition and processing

Keynote speakers:

Marek Kimmel, Rice University, USA

James F. Peters, University of Manitoba, Canada

Andrzej Skowron, Warsaw University, Poland

Ryszard Tadeusiewicz, AGH University of Science and Technology, Poland

Publication:

All accepted papers will be published in the conference proceedings by Springer-Verlag in *Advances in Intelligent and Soft Computing*.

In addition some number of presented papers will be selected for publication in *Transactions on Rough Sets*, *International Journal of Intelligent Computing and Cybernetics*, *Expert Systems, Information Retrieval*, *International Journal of Document Analysis and Recognition*, *Journal of Circuits, Systems and Computers*, *Knowledge and Information Systems*.

Manuscripts must be prepared with LaTeX2e (use Springer class SVMult.cls) and are limited to 8 pages.

Important dates:

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|----------------------------|----------------------------------|
| Abstract submission | 31 December 2008 Extended |
| Full paper submission | 31 January 2009 Extended |
| Notification of acceptance | 31 March 2009 |
| Final paper submission | 15 April 2009 |



Technically co-sponsored by:



IEEE Poland Section

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Accommodation & Conference site:

"Kocierz" Conference and Leisure Centre
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