

FIRST CALL FOR PAPERS INTERNATIONAL CONFERENCE ON MAN-MACHINE INTERACTIONS ICMMI 2013

October 22 – 25, 2013

The Beskids, Poland

<http://icmmi.polsl.pl>



Organiser:
Institute of Informatics
Silesian University
of Technology
Gliwice, Poland



Co-organiser:
Institute of Theoretical
and Applied Informatics
Polish Academy of Sciences
Gliwice, Poland

About the conference

Machines have become an indispensable part of a man's life. Some say that humans are enslaved to modern technology and reject progress on principle, while fanatics of new trends simply must have not only the latest useful tools but every gadget as well. We see machines used in daily routines or in research, to make coffee, to save lives, to study secrets of DNA on the micro, and for space travels on the macro scale. The aim of the Conference is to bring together scientists interested in all aspects of theory and practice of man-machine interactions, providing an international forum for exchanging ideas, setting questions for discussion, and sharing the experience.

Topics (included, but not limited to):

Computational intelligence

fuzzy sets, rough sets, near sets, intelligent systems, evolutionary computation, neural networks, granular computing, soft control and soft computing, approximate reasoning

Pattern recognition

computer vision and graphics, topology of images, image recognition and processing, recognition and processing of audio signals

Data processing, storage and transfer

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

Assistive technologies

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

Data mining and decision support

machine learning, knowledge discovery, advances in expert systems, support vector machines, statistics, man-machine automation, autonomous agents

AI and simulations in biosciences

bioinformatics, population genetics, biostatistics, computer modelling in biology, telemedicine, e-health, bio-mechatronics and bio-sensors

Publication:

Accepted papers will be published in the conference proceedings by Springer-Verlag in *Advances in Intelligent Systems and Computing* (pending). **AISC Series is indexed by ISI Proceedings, DBLP, Ulrich's, EI-Compendex, SCOPUS, Zentralblatt Math, MetaPress, Springerlink**. Manuscripts must be prepared with LaTeX2e (use Springer class SVMult.cls) and are limited to 8 pages.



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Important dates:

Abstract submission	March 3, 2013
Full paper submission	March 31, 2013
Notification of acceptance	May 26, 2013
Final paper submission	June 9, 2013
Registration and fee due	June 9, 2013