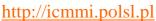
## FIRST CALL FOR PAPERS INTERNATIONAL CONFERENCE ON MAN-MACHINE **INTERACTIONS ICMMI 2013**

October 22 - 25, 2013The Beskids, Poland





### **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:**

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