

Scope & Contributions

The 11th Medicine Informatics & Technology Conference MIT'06 will be following the very successful ten previous meetings. The ITAM Institute is extremely pleased to have been given the chance to be the first who could take over the torch and continue the tradition exhibited by the University of Silesia.

Developments in medical informatics and technology are progressing at a great speed. New technology is widely used for the support of patient medical diagnosis and treatment, the assessment of the quality of care, and the enhancement of decision making, management, planning, and research in medicine.

Medical informatics and technology has both an applied and a theoretical dimension. These two aspects of the discipline have expanded dramatically during the last three decades and will continue to do so in the years to come. We are witnessing a radical change as technologies have been integrated into systems that address the core of medicine, including patient care in ambulatory and in-patient setting, disease prevention, health promotion, rehabilitation and home care.

Industry plays a vital role in converting concepts to actual products, engineered and manufactured to facilitate the practice of new technology and to provide safe and reliable performance in the clinical setting.

As a consequence, there is a need for a broad overview of the field. Contributors from research centers and industry are welcome to present their original results at scientific oral or poster sessions, and exhibits.

Conference venue

The conference will be held in Wisla – a holiday and ski centre in the Silesian Beskidy Mountains, not far away from Cieszyn. The city took its name from the greatest Polish river – the Vistula (Wisla) that runs through it. The picturesque scenery and hospitality of the local people combine to create a unique charm. The city is called the pearl of the Silesian Beskidy.

The conference will take place in Hotel Millennium***- the tourist and recreation centre in Wisla-Malinka, the part of Wisla. The Hotel offers: coffee, salt cavern "Galos", sauna, Jacuzzi, sollux.

Important Dates

- Registration April 25, 2006
- Submission of full papers May 31, 2006
- Notification of acceptance June 30, 2006
- Submission of final papers July 31, 2006

Conference fee

- Fee: 400 EUR or 1100 PLN (for Polish citizens) prior to July 15, 2006 and 450 EUR or 1300 PLN afterwards; bank transfer is required
- Fee includes: proceedings, accommodation, full board, conference dinner, scientific program, coffee and tea during breaks. Arrival before the conference is possible (see the website).

Bank BPH PBK S.A. O/Zabrze, pl. Warszawski 9,
41-800 ZABRZE, POLAND
Account: 24 1060 0076 0000 3300 0041 6645
Instytut Techniki i Aparatury Medycznej ITAM
41-800 Zabrze, ul. Roosevelta 118
MIT 2006, SWIFT: BPHKPLPK

Office

MIT'2006
Institute of Medical Technology and Equipment ITAM
Tel.: +4832 2716013; Fax: +4832 2765608
e-mail: office@mit.edu.pl



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XI
INTERNATIONAL
CONFERENCE



MEDICAL
INFORMATICS
&
TECHNOLOGIES

September 25-27, 2006
WISLA - MALINKA, POLAND

Organisers

- Institute of Medical Technology and Equipment, Zabrze
- Silesian University of Technology, Gliwice
- University of Silesia, Katowice
- Medical University of Silesia, Katowice

Co-operating Institutions

- Institute of Biocybernetics & Biomedical Eng., Warsaw
- AGH University of Science and Technology, Krakow
- Engineering School of Mechatronics, Katowice
- Society of Image Processing
- Polish Society of Biomedical Engineering
- Polish Society of Theoretical & Applied Electrotechnics
- IEEE Polish Section
- EuroPACS Society
- Polish Society of Radiology
- Polish Society of Orthopaedics
- Polish Society of Neurology
- Institute of Theoretical & Applied Informatics, Gliwice

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Conference topic areas

- Signal processing
- Image analysis
- Computers in medicine
- Artificial intelligence
- Telemedicine
- Medical information systems
- Bioinformatics
- Biometric technologies
- Biosensors and transducers
- Biomaterials
- Biomechanics
- Implants
- Artificial organs
- Rehabilitation technologies
- Medical devices, instrumentation, and measurement
- Modeling and simulation
- Microelectronics in medicine
- Mechatronics in medicine

Instructions for Authors

Authors who wish to contribute to the conference are kindly requested to visit the website:

<http://mit.edu.pl>

for detailed information. The papers selected, after a reviewing process, will be published in the "Journal of Medical Informatics and Technologies". Full papers should be 4-6 pages in length. Short notes (2-4 pages of length) containing preliminary results may be submitted as well. Registration (on-line or by fax) and fee payments are required for publishing the accepted paper.