

Conference venue

The conference will be held in the famous Polish health resort of Szczawnica City. Due to its specific geological conditions, the spa of Szczawnica offers also unique mineral waters. Szczawnica is set in the picturesque landscape of the Pieniny National Park and the Dunajec Gorge. The valley opens towards the Pieniny Range with the famous peaks of the Falcon Mountain (747 m) and the Three Crowns (982 m). All this makes Szczawnica one of the most attractive mountain resorts in Poland. For the conference attendees several optional sights will be offered. Tourists have an unusual opportunity to see wild nature, unchanged for thousands of years. It is also the best way to explore the Pieniny National Park. Apart of spa and Pieniny Mountains, additional attractions are also offered: hiking trails, border crossings, sport facilities, etc.

The conference centre will be located in the hotel Navigator (www.szczawnicanavigator.pl), where spa, tennis, swimming pool (50m away from the hotel) are also accessible.

Scope & Contributions

Information processing technology plays a crucial role in modern health care, as it is a core of many medical systems today. The primary goal of the conference is to promote information-processing methods in medicine and healthcare improvement. Attending the conference will bring a good opportunity to learn about present techniques and future directions of information and knowledge processing in biomedicine and advanced medical systems. The organisers invite contributors who wish to present their original results that fall into one of the conference topics. Selection of papers will be based on technical quality and clarity of presentation. The papers selected, after reviewing process, will be published in the "Journal of Medical Informatics and Technologies" available at the conference. *This Journal is on Ministry of Science and Higher Education list and is 4 scored publication.* Full papers should be 6-8 pages in length. Additionally, selected papers will be published in the Int. Journal of Biometrics. Short notes (3-4 pages in length) containing preliminary results of investigations may be submitted as well.

Important Dates

- Submission of full papers June 30, 2009,
- Notification of acceptance August 15, 2009,
- The conference fee payment August 31, 2009.

Conference fee

- 1650 PLN (for Polish citizens) and 440€ for other participants.
- Fee includes: accommodation, full board, conference dinner, scientific program, proceedings, excursion, coffee and tea during breaks.

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Oddział w Katowicach, ul. Mickiewicza 3,
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74 1050 1214 1000 0007 0000 7909
Uniwersytet Śląski w Katowicach,
MIT 2009, SWIFT: INGBPLPW

Instructions for authors

Authors who wish to contribute to the conference should submit paper by e-mail as attachment. The electronic versions of the papers should be submitted in Microsoft Word format. The first page of the paper should contain the title of the paper and affiliations of authors. Details of the paper format and the registration form are available on <http://mit.us.edu.pl>. The authors are encouraged to register by e-mail or by post, in order to receive further information. Registration and fee payments are required for publishing the accepted paper.

Secretariat

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INTERNATIONAL
CONFERENCE**



**MEDICAL
INFORMATICS
&
TECHNOLOGIES**

<http://mit.us.edu.pl>

**October 22-24, 2009
SZCZAWNICA
POLAND**

Organisers

- University of Silesia, Katowice, Institute of Informatics, Department of Computer Systems (PL)
- Institute of Medical Technology and Equipment, Zabrze (PL)

Co-operating Institutions

- Institute of Automatic Control, Silesian University of Technology, Gliwice (PL)
- Department of Statistics and Modelling Science, University of Strathclyde, Glasgow (UK)
- Hightech-Research-Center for Maxillofacial Surgery, University Hospital Basel (CH)
- Institute of Informatics, Łódź University of Technology (PL)
- Medical University of Silesia, Katowice (PL)

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- | | |
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| Z. Wróbel | – University of Silesia, Katowice (PL) |
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Organising committee

- Chair: P. Porwik
- Secretariat: I. Kistorz (chair), A. Mazurek
R. Śpiewakowska, P. Pawełczyk

Conference topic areas

The topics of interest related to Medicine, Applied Computer Science, Material Science, Measurement and Applied Mathematics. Presentations are welcome from any of the following areas:

- Bio-materials,
- Biometrics,
- Bio-mathematical modelling and simulation,
- Computer-controlled technologies,
- Advanced measuring technologies,
- Diagnosis support systems,
- Rehabilitation & supporting technologies,
- Medical expert systems,
- Neural networks and fuzzy logic,
- Data and image processing,
- Video consulting and conference systems,
- Object classification and recognition,
- Artificial intelligence and computer simulation,
- Computer Aided Learning,
- Distance information and training technologies,
- Management and statistics.

Young medical researches meeting

For the second time, during the conference, medicine student's meeting will be organised.