

# INFORMATION SYSTEMS ARCHITECTURE AND TECHNOLOGY

ISAT'2007

28th International Scientific School

SEPTEMBER 20 - 21, 2007, SZKLARSKA POREBA, POLAND

[www.isat.pwr.wroc.pl](http://www.isat.pwr.wroc.pl)

## Organizers

INSTITUTE OF INFORMATION SCIENCE AND ENGINEERING  
INSTITUTE OF INDUSTRIAL ENGINEERING AND MANAGEMENT

FACULTY OF COMPUTER SCIENCE AND MANAGEMENT,  
WROCLAW UNIVERSITY OF TECHNOLOGY,  
WROCLAW, POLAND

## Conference Aims

The purpose of the ISAT'2007 is to discuss a state-of-art of information systems concepts and applications as well as architectures and technologies supporting contemporary information systems.

The aim of the conference is also to consider an impact of knowledge, information, computing and communication technologies on managing of the organization scope of functionality as well as on enterprise information systems design, implementation and maintenance processes taking into account various methodological, technological and technical aspects. It is also devoted to information systems concepts and applications supporting exchange of goods and services by using different business models and exploiting opportunities offered by Internet-based electronic business and commerce solutions.

ISAT'2007 is planned as a forum for presentation of original contributions and for discussions integrating different subjects of today's information systems planning, designing, development and implementation.

The event is addressed to the scientific community, people involved in the development of business information systems, business computer applications, and to consultants helping implement information, computer and communication technologies. It is also addressed to people involved in teaching in variety of topics related to information, management, computer and communication systems.

Traditionally, ISAT is also organized to present scientific contributions prepared by M. Sc. and Ph.D. students.

## Conference Language

English

## Best Paper Awards

In the interest of encouraging academic careers ISAT'2007 will be offering up to three prizes for the best papers submitted by doctoral students and presented at the Conference.

## Important Dates

- |  |               |
|--|---------------|
| • submission of extended abstract and application form | June 15, 2007 |
| • notification of acceptance                           | June 25, 2007 |
| • submission of full papers and conference fee         | July 15, 2007 |
| • conference program publication                       | July 31, 2007 |

## Topics of Interest

We invite papers on, but not limited to, the following topics:

- intelligent information systems - concepts, models, services and applications
- requirements and models of contemporary management information systems
- artificial intelligence in modern information and computer systems
- investment and risk modeling
- project management
- value based management and uncertainty
- real option in firm's valuation process
- agent technologies in modeling of Value Based Management process
- information systems design and implementation supporting tools
- groupware support for information systems
- impact of technologies on availability and functionality of information systems
- architecture of computer systems supporting intelligent information systems
- computer networks architectures, standards, services and applications
- quality of service and services integration in computer systems and networks
- security of information and computer systems
- multimedia - standards and applications
- web systems and navigation strategies
- multiagent technologies and systems
- ontology modeling, evolution and management
- web query design, processing and optimization
- web services architecture, services and security

## Paper Submission

A paper should not exceed 8 pages of print. For more information about preparing and submitting papers, templates, as well as submission forms for abstracts and papers, consult the Information for Authors section at [www.isat.pwr.wroc.pl](http://www.isat.pwr.wroc.pl).

## Publication

All accepted papers will be published as book chapters in an edited volume (with ISBN) which will be available at the conference.

Extended versions of selected papers will be considered for publication in the international journal SYSTEMS SCIENCE issued in Poland (in English).

## **Organizing Committee**

Leszek BORZEMSKI - Co-chairman  
Zofia WILIMOWSKA - Co-chairman  
Mariusz FRAŚ - secretary  
Arkadiusz GÓRSKI  
Ziemowit NOWAK

## **Program Committee**

Witold ABRAMOWICZ — Poland  
Mieczysław BAZEWICZ — Poland  
Leszek BORZEMSKI — Poland  
Wojciech CELLARY — Poland  
Edward CHLEBUS — Poland  
Arne COLLEN — USA  
Czesław DANIŁOWICZ — Poland  
Małgorzata DOLIŃSKA — Poland  
Wiesław M. GRUDZEWSKI — Poland  
Adam GRZECH — Poland  
Irena HEJDUK — Poland  
Marian HOPEJ — Poland  
Zbigniew HUZAR — Poland  
Arun IYENGAR — USA  
Ryszard KNOSALA — Poland  
Zygmunt MAZUR — Poland  
Marian MOLASY — Poland  
Zdzisław PAPIR — Poland  
Marek PAWLAK — Poland  
Edward RADOSIŃSKI — Poland  
Franz STUCHLIK — Germany  
Janusz STOKŁOSA — Poland  
Edward SZCZERBICKI — Australia  
Jerzy ŚWIĄTEK — Poland  
Thomas WIELICKI — USA  
Zofia WILIMOWSKA — Poland  
Bernd WOLFINGER — Germany  
Józef WOŹNIAK — Poland  
Jaroslav ZENDULKA — Czech Republik

## **Conference Venue**

The ISAT'2007 will be held in hotel localized close to the lower station of the Szrenica Chair Lift.

## Contact

**prof. Leszek Borzemski**

**dr Mariusz Fraś**

Wrocław University of Technology  
Wybrzeże Wyspiańskiego 27  
50-370 Wrocław, Poland

Tel.: +4871 320 25 99/ 320 4020/ 320 3328

Fax: +4871 320 38 84

E-mail: [isat@pwr.wroc.pl](mailto:isat@pwr.wroc.pl)

Home site: [www.isat.pwr.wroc.pl](http://www.isat.pwr.wroc.pl)

**About Szklarska Poręba** <http://www.szklarskaporeba.pl/it/en/it.htm>

Szklarska Poręba is situated in the south-western part of Poland, almost at the meeting point of the borders of three countries: Poland, Czech Republic and Germany, in Karkonosze and Izery mountain range, in Jelenia Góra district and Lower Silesia Province. Szklarska Poręba is regarded one of the best tourist centers in Poland. The city is picturesquely located at the bottom of Szrenica mountain (1362 m above sea level) at the altitude of 440 – 886 m a.s.l. It has location in the vicinity of large central European cities: Prague 139 km away, Vienna 280 km, Wrocław 140 km (each of them has an international airport) as well as in the neighborhood of Polish-Czech border crossing Szklarska Poręba – Jakuszyce/Harrachov (8 km) and Polish-German (71 km) border crossings.