

The Venue

Łódź is a city in central Poland with about 700,000 inhabitants. Today the city is a vibrant centre of trade, industry, and education. Łódź is Poland's 3rd largest city and industrial centre. The unique architecture, scenic, natural and cultural values went largely unnoticed.

Today's tourists take great delight in seeing beautifully refurbished tenements and residential structures of great factory magnates - the real gems of Art Nouveau and eclecticism - as well as museum collections and unrivalled nineteenth-century industrial architecture. No trip to Łódź is complete without a strolling down Piotrkowska Street, the city's pride and joy, where public institutions, stores, restaurants, pubs, discos, antique shops, art galleries and cinemas are centred around its main promenade, or visiting Manufaktura, arts centre, shopping mall, and leisure complex, the result of Poland's largest renovation project since the reconstruction of Warsaw's Old Town after the 2nd World War.

What is more, Łódź is an important economic, commercial, cultural, scientific, educational and health services centre that can boast both a long-standing tradition and recent achievements. Łódź is widely known for the world-famous events held here: the Ballet Meetings in Łódź, Explorers Festival, Alexander Tansman International Competition of Musical Personalities and "Golden Thread" – the Contest for Fashion Designers, to mention just a few.

<http://en.turystyczna.lodz.pl>



Travel Arrangement

Air: Łódź Władysław Reymont Airport is located near the centre of the city. It offers several connections to European hubs operated by Adria Airways (Munich, Amsterdam) and Ryanair (London, Dublin, Oslo).

Rail: Łódź is linked by a number of rapid shuttle trains with Warsaw. Direct connections from the main Polish cities (Gdynia, Katowice, Kraków, Poznań, Szczecin, Wrocław) are also available.

Coach: Many travel agencies offer permanent coach connections between Łódź and numerous cities in Poland and Europe.

Road: Łódź can be easily reached by road from major cities in Europe. The most important is national highway A2 leading from Poznań and Berlin to Warsaw and the national route no. 1 and highway A1 (international E75) from the southern Europe and Gdańsk.

Accommodation

The conference will be held in Holliday Inn hotel located in the city centre. The accommodation will be offered for the Conference participants at conference site.

Deadlines

Intended authors should note the following deadlines:

Receipt of papers	March 1st, 2016
Notification of acceptance of papers	April 30th, 2016
Final paper versions and 1-page abstracts	May 31st, 2016

Price Information

Standard registration fee	380 Euro
IEEE Members registration fee	330 Euro
Student registration fee	250 Euro
Late registration fee (paid after May 15 th , 2016)	480 Euro
Accompanying person social events fee	180 Euro

Conference fee includes: participation in all sessions, MIXDES 2016 Proceedings CD and other conference materials, coffee and tea during the breaks, all lunches, the Welcome Party and Conference Banquet, tourist activities (student fee does not include Welcome Party and Conference Banquet). Conference fee does not include accommodation and transport.



Enquiries

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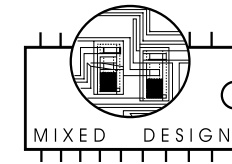
e-mail: mixdes2016@dmcs.p.lodz.pl

WWW

Information on MIXDES 2016 will be available on the World Wide Web at the following location:

<http://www.mixdes.org>

CALL FOR PAPERS



MIXDES 2016

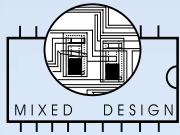
23rd International Conference MIXED DESIGN OF INTEGRATED CIRCUITS AND SYSTEMS



An invitation to submit paper proposals and attend the conference



Łódź, POLAND, 23 - 25 June 2016



MIXDES 2016

**23rd International Conference
MIXED DESIGN OF INTEGRATED
CIRCUITS AND SYSTEMS
Łódź, POLAND, 23 - 25 June 2016**

Organized by:

Department of Microelectronics and Computer Science,
Lodz University of Technology, Poland
Institute of Micro- and Optoelectronics
Warsaw University of Technology, Poland

In cooperation with:

Poland Section IEEE - CAS & ED Chapters
Ministry of Science and Higher Education
Section of Microelectronics
and Section of Signals, Electronic Circuits and Systems
of the Committee of Electronics and Telecommunication
of the Polish Academy of Sciences
Commission of Electronics and Fotonics
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The MIXDES Conference

The MIXDES conference series started in Dębe near Warsaw in 1994 and has been organised yearly in different Polish cities. Next year we would like to continue the tradition of inviting you to the most attractive places in Poland and the MIXDES 2016 will take place in Łódź.

In short period of time the conference has become an important event in the Central Europe allowing to discuss the recent research progress in the field of design, modelling, simulation, testing and manufacturing in various areas such as micro- and nanoelectronics, semiconductors, sensors, actuators and power devices as well as their interdisciplinary applications.

Areas of Interest

The topics of the Conference include:

- 1. Design of Integrated Circuits and Microsystems**
Design methodologies. Digital and analog synthesis. Hardware-software codesign. Reconfigurable hardware. Hardware description languages. Intellectual property-based design. Design reuse.
- 2. Thermal Issues in Microelectronics**
Thermal and electro-thermal modelling, simulation methods and tools. Thermal mapping. Thermal protection circuits.
- 3. Analysis and Modelling of ICs and Microsystems**
Simulation methods and algorithms. Behavioural modelling with VHDL-AMS and other advanced modelling languages. Microsystems modelling. Model reduction. Parameter identification.
- 4. Microelectronics Technology and Packaging**
New microelectronic technologies. Packaging. Sensors and actuators.
- 5. Testing and Reliability**
Design for testability and manufacturability. Measurement instruments and techniques.
- 6. Power Electronics**
Design, manufacturing, and simulation of power semiconductor devices. Hybrid and monolithic Smart Power circuits. Power integration.
- 7. Signal Processing**
Digital and analogue filters, telecommunication circuits. Neural networks. Artificial intelligence. Fuzzy logic. Low voltage and low power solutions.
- 8. Embedded Systems**
Design, verification and applications.
- 9. Medical Applications**
Medical and biotechnology applications. Biometrics. Thermography in medicine.

Official Language

Official language of the Conference is English, neither translation nor interpretation will be provided.

Call for Papers and Contributions

A call is made for papers, contributions and other conference activities on the topics mentioned above.

Full papers and 1-page abstracts should be submitted to the Organizing Committee till March 1st, 2016 - only in electronic form (MS Word, RTF, Open Office Writer, LaTeX, together with a generated PDF file).

The required format is available on our Web page. Authors are asked to indicate the topic into which their papers fall. Papers will be reviewed by at least two referees from the International Programme Committee and the accepted papers will be printed in the proceedings from the author's electronic submission.

Tutorials and Special Sessions - Call for Proposals

Several tutorials/special sessions will be held prior to the conference. Authors willing to propose a tutorial at MIXDES 2016 are invited to send a proposal to the Organizing Committee. The proposal should consist of a three-page summary including tutorial title, name and affiliation of the lecturer(s), tutorial objectives and audience, topical outline and provisional schedule of the tutorial.