

EMC EUROPE 2016 WROCLAW

International Symposium and Exhibition on Electromagnetic Compatibility

September 5 - 9, 2016, Wroclaw, Poland

www.emceurope.org/2016 or www.emceurope.eu/2016



EMC week in Wroclaw

Organizers of leading International Symposium on electromagnetic compatibility in Europe are very pleased to invite and encourage all those working in the field of electromagnetic compatibility to Wroclaw for the EMC Europe 2016. Symposium is hosted and organized by the Wroclaw University of Technology (WrUT) in a 750 years old town of Wroclaw, Poland, from 5th till 9th of September 2016. EMC Europe 2016 symposium covers the entire scope of electromagnetic compatibility including emerging technologies.

The intent of EMC Europe 2016 organizers is to create an excellent forum for useful contacts and exchange of scientific and technical information between researchers and practicing engineers from academia, research laboratories, industry and government agencies. The symposium will give the unique opportunity to present the progress and results of their work and to exchange ideas, discuss different points of view and share experiences with colleagues involved in EMC.

The EMC Europe 2016 continues the tradition of the oldest regular European Symposia on EMC conducted in Wroclaw (since 1972) and Zurich as well as European Symposia organized in since 1994 in Rome, Brugge, Sorrento, Eindhoven, Barcelona and Hamburg, which were running every second year. That International EMC conference organized in Europe had been merged in 2010 into EMC Europe, which is organized annually in one of a European city.

EMC Europe 2016 Wroclaw will be composed of 5-day oral and poster presentations, workshops, tutorials, special sessions, short-courses, industrial forum and exhibits. Reviewed and accepted papers which will be presented in oral or poster sessions as well as will be submitted for publication in IEEE Xplore. The Best Symposium Paper and best student paper will be selected by the International Steering Committee and awarded.

Symposium Venue

The EMC Europe 2016 symposium will take place on the main campus of the Wroclaw University of Technology, located in the Wroclaw city center. Wroclaw is situated on south-west part of Poland on the Odra river. It is the historic capital of Lower Silesia with a population of nearly 700,000 and several Universities and about 130 thousands students. Wroclaw is a friendly cosmopolitan European city with dozens of historical and cultural places. **Wroclaw in 2016 will be the European Capital of Culture.** More details are available on www.wroclaw2016.pl/en/.

Due to Odra river location and number of islands Wroclaw is often called a "city of bridges". Indeed, it is the 4th city in Europe in terms of the number of bridges (115) just after Venice, St. Petersburg and Amsterdam.

Wroclaw is one of the largest and oldest Polish cities and undoubtedly the most cosmopolitan. It was founded before the year 1000 and was part of many kingdoms, empires and countries (Poland, Czech Austria Germany (Prussia) and Hungary) Finally, after the World War II Wroclaw came back to Poland after several centuries.

Wroclaw is also easily accessible from around Europe by car, train or plane. The international airport offer many direct connections and is located in the suburbs so about 20 minutes takes the trip from the airport to the city center.

Symposium topics

1. Electromagnetic Environment • Lightning • Intentional EMI & EMP • High Power Electromagnetics • ESD • UWB; 2. Transmission Lines • Cables • Crosstalk • Coupling; 3. Shielding • Gasketing & Filtering • Grounding; 4. Measurement & Instrumentation • Emission and Immunity • Chambers & Cells • Antennas; 5. Advanced Materials • Nanotechnology • NEMS & MEMS • Smart Sensors • 6. Computational Electromagnetics • Model Validation • EMC Analysis, Modelling, Prediction; 7. Semiconductors • PCB • Electronic Packaging & Integration • Power & Signal Integrity; 8. Power Systems • Power Quality • Power Electronics • Smart Grids; 9. Wired & Wireless Communications • UWB

Communications • Power Line Communications • Smart Grids; 10. Automotive • Railway Systems • Naval Systems • Aircraft & Space Systems; 11. Human exposure to EM fields • Biological Effects • Medical Devices & Hospital Equipment; 12. Standards and Regulations • EMC Management • EMC Education; 13. EMC in Security & Safety Applications; 14. EMC in Industrial Environments; 15. EMC in Military Applications; 16. Any other relevant topics.

Paper submission

Prospective authors are invited to submit original papers on their latest research results focusing on all EMC aspects as well as in symposium topics. Authors should submit their full paper (up to 6 pages and approximately 5500 words in 2-column format, with pictures and charts, diagrams) by **February 15, 2016**. The paper has to be written in English and clearly explain the originality and relevance to EMC topics, and should be uploaded via web-based on-line conference system:

(www.conftool.com/emceurope2016/).

All submitted papers will be evaluated by peer review process. Paper acceptance is based on following criteria: Quality of technical content, Significance for theory or practice, Originality and level of innovativeness and Quality of presentation.

Final versions of accepted papers will be presented during oral and poster symposium sessions and will appear in conference proceedings as well as IEEE Xplore. Authors are requested to register as participants till May 16, 2016 and present your papers. For details please visit conference website (i.e. For authors: http://www.emceurope.org/2016/For_authors.html).

Important dates

Paper submission	February 15, 2016
Proposals of workshops, tutorials, special session and short courses	March 15, 2016
Notification of paper acceptance	April 18, 2016
Final paper submission	May 16, 2016
Reduced registration fee deadline:	May 31, 2016

Committees

International Steering Committee (ISC)

A. C. Marvin (United Kingdom)- Chair	F.B.J. Leferink (The Netherlands)
J. Carlsson (Sweden) - Vice Chair	F. Maradei (Italy)
P. Besnier (France)	V. Mariani Primiani (Italy)
F.G. Canavero (Italy)	G. Peres (France)
J. Catrysse (Belgium)	D. Pissoot (Belgium)
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A.P.J. van Deursen (The Netherlands)	F. Sabath (Germany)
M. Feliziani (Italy)	M.S. Sarto (Italy)
H. Garbe (Germany)	F. Silva (Spain)
J.L. ter Haseborg (Germany)	D. Thomas (UK)
Z. Joskiewicz (Poland)	T.W. Wieckowski (Poland)
M. Klingler (France)	

Local Organizing Committee (LOC)

T. W. Wieckowski (Chair) – Wroclaw University of Technology
Z. M. Joskiewicz (Executive Vice Chair) – Wroclaw University of Technology
G. Maslowski (Technical Program Chair) – Rzeszów University of Technology
R. Zielinski (Workshops and Tutorials) – Wroclaw University of Technology
J. Janiszewski (Sponsoring) – Wroclaw University of Technology
A. Kozłowska (Reception Desk Coordinator) – Wroclaw University of Technology
A. Florek, T. Utkowski (Exhibition) – Wroclaw University of Technology
K. Aniserowicz - Białystok University of Technology
B. Andrasz (Conference office and Reception Desk)
A. Karwowski - Silesian University of Technology (Gliwice)
D. Klepacki - Rzeszow University of Technology
A. Kucharski, A. Sowa – Wroclaw University of Technology
M. Wnuk – Military University of Technology (Warsaw)



Call for Workshops and Tutorials

Workshops and Tutorials are informal, interactive educational presentations, often addressing practical issues encountered in the lab. Sessions will be held on days that precede (September 5, 2016) and follow (September 9, 2016) Technical Paper sessions. Workshops and tutorials are scheduled for one-half day or full day. For proposals that are accepted, the workshop or tutorial organizer will be responsible for soliciting presentations, coordinating reviews, corresponding with session speakers, ensuring deadlines are met by all their speakers, corresponding with the symposium Local Committee, and moderating the session at the symposium. Please send proposals for workshops or tutorials to prof. Ryszard Zielinski (ryszard.zielinski@pwr.edu.pl) or upload to on-line conference system before March 15, 2016

Proposals for workshops or tutorials must contain the following information:

- Title of workshop or tutorial
- Format: Workshop or Tutorial
- Name of Workshop/Tutorial chair with full contact information, including company/affiliation name, address, telephone number, and e-mail address
- Description of the workshop/tutorial, including objectives, content and novelty
- Description of topics
- List of potential authors/presenters

Call for special sessions

Special Sessions focus on areas of interest not addressed in Technical Papers. Acceptance criteria are the same as for Technical Papers. Please send proposals for special session to prof. Grzegorz Maslowski (maslowski@prz.edu.pl) or upload to on-line conference system before March 15, 2016.

Proposals for special session must contain the following information:

- Title of the special session
- Description of special session
- Name of the chair with full contact information
- Chairperson(s)
- Description of topics
- List of potential authors/presenters and papers

Call for experiments and software demonstrations

The aim of the hardware experiments and computer software demonstrations is to show a principles or phenomena, or effects of EMI/EMC as well as measurement and troubleshooting methods. The presentations are informal and non commercial and will be conducted on 7th September after lunch.

Please send proposals for special session to dr Zbigniew Joskiewicz (zbigniew.joskiewicz@pwr.edu.pl, fax. +48 71 322 3473) before May 31, 2016.

Proposal must contain the following information:

- Title of demonstration
- Presenter Names/Company affiliation
- Short abstract
- List of potential presenters

Topical meetings

During the conference it is also possible to organize other meetings (i.e. industrial forum) and sessions. Proposals for topical meetings and sessions as well as short courses are welcome. Prospective organizers/speakers are invited to contact the local organizers.

Sponsoring

It is also possible to take advantage of many sponsorship opportunities. Proposals of Diamond Sponsor, Ruby Sponsor and Amber Sponsor packages are available, but any form of sponsoring (technical, financial or any other) to promote the conference or increase its quality is very welcome. To become a conference sponsor please contact dr Jaroslaw Janiszewski (jaroslaw.janiszewski@pwr.edu.pl).

Exhibition

The Symposium will be accompanied by technical exhibition on EMC and RF/microwave measurements and instrumentation. We also invite manufacturers and distributors of EMC-related equipment and tools, measurement and EMC test equipments, spectrum monitoring and measurement systems, protecting device and components, microwave instrumentation, electromagnetic analysis and synthesis software.

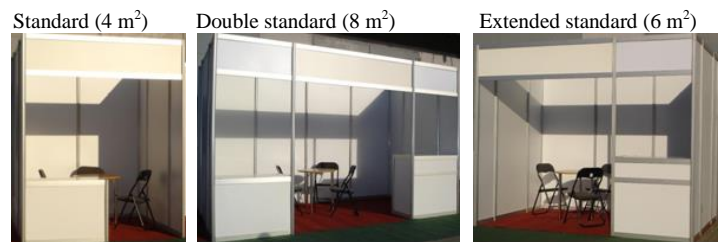
The technical exhibition will be held from 9 AM on Tuesday, September 6, 2016, to 3 PM on Thursday, September 8, 2016. The technical exhibition will take place on the ground floor of the conference venue (Wroclaw, Wybrzeze Wyspianskiego 23 - 25, building C-13).

The exhibition will be directly accessible from the conference rooms and ensures that delegates and speakers have every opportunity to visit exhibition, especially during refreshment and lunch breaks.

You can order completely equipped exhibition booth (standard booth: 4 m², extended standard booth, double-standard booth or other one according to your needs). The application form as well as general rules for exhibitors is available on conference website.

Please send Exhibitor's application form before June 30, 2016.

Some examples of offered booths:



Contact information

EMC EUROPE 2016

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Internet: www.emceurope.eu/2016 or www.emceurope.org/2016

On-line Web-based conference system:

www.conftool.com/emceurope2016/

Wroclaw University of Technology - Symposium Venue

