

EMC EUROPE 2023

International Symposium and Exhibition
on Electromagnetic Compatibility

**Kraków, 4-8 September 2023,
Poland, Qubus Hotel**

CALL FOR PAPERS



EMC WEEK IN KRAKÓW, POLAND

EMC Europe, the leading EMC Symposium in Europe, will be held in Kraków, Poland, September 4-8, 2023 at of the Qubus Hotel Kraków congress centre.

The Organizers are pleased to invite and encourage all those working in the field of electromagnetic compatibility to contribute and participate in this prestigious event in the magic city of Kraków.

EMC research and conferences in Europe have a long tradition. The series of independent EMC Symposia organized in Wrocław (20 editions since 1972), Zurich (20 editions since 1973) and Rome (since 1994), running every second year, have merged into EMC Europe which is organized annually in a European city. The intent of EMC Europe 2023 organizers is to create a forum for exchange of scientific and technical information between researchers and practicing engineers from academia, research laboratories, industry and government agencies.

The symposium gives the unique opportunity to present the progress and results of their work and to exchange new ideas and share experiences with colleagues involved in EMC.

EMC Europe 2023, Kraków will be composed of 5-days with oral and poster presentations, workshops, tutorials, special sessions, industrial forum and technical exhibition as well as meetings and accompanying events. During the conference the IEEE EMC Society is organizing "IEEE Senior Member Elevation Event" and the IEEE EMC Society Poland Chapter is organizing "EMC Marathon at EMC Europe" and "IEEE EMC Society Chapters Meeting". September 4 and 8, 2023 are dedicated just to workshops and tutorials. On September 5 - 7, 2023 submitted papers will be presented at oral and poster sessions as well as technical exhibition will be available.

The organisers aim at making this a technical rewarding conference and your stay in Kraków a very pleasant one.

SYMPOSIUM VENUE

In 2023 EMC Europe Symposium is organized by the Wrocław University of Science and Technology (WUST) in Kraków at Congress Centre of the Qubus Hotel****, located next to the city center (1,5 km to the Market Square). Kraków is the second largest city and the top tourist destination of Poland. It was the official capital of Poland and the seat of Polish Kings until 1596. Therefore it is one of the leading centres of Polish academic, economic, cultural and artistic life. Krakow is the most beautiful and fascinating city in Poland, known primarily for its grand historic architecture. Its Old Town with a large market place and Wawel Royal Castle was declared the UNESCO World Heritage Site in the world. The attraction is not just the splendid architecture and the treasures of art, but also the unique ambience of the former Jewish district and the masterpieces of Polish Art Nouveau, monuments and museums. Kraków is easily accessible from around Europe by car, train or plane. The international airport offers many direct connections and is located in the city so about 40 minutes takes the trip from the airport to the city centre. Visit the venue by a virtual walk at wirtualnyspac3r.pl/qubus.

SYMPOSIUM TOPICS

■ EM Environment, Lightning, Intentional EMI & EMP, High Power Electromagnetics, ESD ■ Transmission Lines, Cables, Crosstalk & Coupling ■ Shielding, Gasketing, Filtering & Grounding ■ Measurement & Instrumentation, Emission and Immunity, Chambers, Cells & Antennas ■ Advanced Materials, Nanotechnology, NEMS & MEMS, Smart Sensors ■ Computational Electromagnetics, Model Validation ■ Semiconductors, PCB, Electronic Packaging & Integration, Power & Signal Integrity ■ Power Systems, Power Quality, Power, Electronics, Smart Grids ■ Wired & Wireless Communications, UWB & Power Line Communications ■ Automotive, Railway Systems, Naval Systems, Aircraft & Space Systems ■ Human exposure to EM fields, Biological, Effects, Medical Devices & Hospital Equipment ■ Standards and Regulations, EMC Management, EMC Education ■ EMC in Security and Safety Applications ■ EMC in Industrial Environments ■ EMC in Military Applications ■ System level EMC ■ 5G, 6G and Internet of Things (IoT) ■ Unmanned Aerial Vehicles (UAV) and Unmanned Ground Vehicles (UGV) ■ Electromagnetic spectrum matters (ie. spectrum management, spectrum monitoring, spectrum allocation) ■ EMC in agricultural applications ■ Other EMC aspects

PAPER SUBMISSION

Authors are invited to submit original contributions on all EMC-related aspects within the technical areas listed above. Only full 2-column, 4 to 6 pages papers, prepared according to the IEEE rules for style using the IEEE template for conference proceedings, will be peer-reviewed and checked for plagiarism using the IEEE CrossCheck portal. Papers should be uploaded in PDF-format through the online conference system (www.conftool.org/emceurope2023) before February 13, 2023. To submit the contribution, a new account has to be registered or an existing author's account has to be used. Final versions of accepted papers which will be presented at oral or poster EMC Europe 2023 sessions will be submitted for publication in IEEE Xplore® database. Electronic IEEE Copyright Form needs to be signed for each paper and the appropriate copyright clearance code notice added on the bottom of the paper's first page. The Best Symposium Paper and Best Student paper will be selected by the International Steering Committee and awarded.

IMPORTANT DEADLINES AND DATES

Special session proposals:	January 23, 2023
Paper submission deadline and author's payment:	February 13, 2023
Workshops & tutorials proposals:	March 31, 2023
Notification of paper acceptance and beginning of participants registration:	April 30, 2023
Reduced registration fee:	May 31, 2023
Final paper submission:	June 01, 2023
Exhibition application:	June 30, 2023
EMC Europe 2023 Symposium:	September 4 - 8, 2023
Workshops and tutorials presentations:	September 4 and 8, 2023

WORKSHOPS AND TUTORIALS

Workshops and tutorials will be organized as interactive educational presentations to provide up-to-date practical help to those new to the subject or requiring an update, as well as to address in-depth topical subjects. Workshops and tutorials are planned for the first and last day of the conference, September 4 and 8, 2023. The day is divided into four timeslots, two before lunch and two after. Each timeslot has a duration of 1 hour and 40 minutes and there is a coffee break between the timeslots. The preferred duration of workshop and tutorial is from one to four timeslots (full day) and is typically arranged as a session with a suitable number of presentations by different presenters. For accepted proposals, 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 the workshop or tutorial proposals to Dr Krzysztof Sieczkarek - Workshops and Tutorials Chair before March 31, 2023.

SPECIAL SESSIONS

Special sessions focus on very specific topics and applications of interest related to the conference technical areas. All papers submitted for special sessions follow the same requirements and peer-review process as regular papers. Please send the special session proposals to Prof. Jan Sroka - Technical Program Chair before January 23, 2023 (extended deadline). For more details visit conference website: emceurope2023.org/call-for-special-sessions

MEETINGS & OTHER EVENTS

During the conference it is also possible to organize other meetings or industrial forums or short course. Proposals for are very welcome. Prospective organizers are invited to contact the local organizers (info@emceurope2023.org)

SPONSORSHIP

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 Jarosław Janiszewski - Sponsorship Chair.

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 equipment, 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 5, 2023, to 4 PM on Thursday, September 7, 2023. The technical exhibition will take place in selected rooms of the conference venue and in the tent set up

at the venue entrance. The exhibition areas are directly accessible from the conference rooms and ensure that delegates have every opportunity to visit the exhibition. A completely equipped exhibition booth can be ordered. To exhibit, send the application before June 30, 2023 or contact Exhibition Chairs on any matter related to the technical exhibition. For more details visit the conference website: emceurope2023.org/exhibition.

You can order completely equipped exhibition booth. All information as well as general rules for exhibitors are available on the conference website. To exhibit send the application before June 30, 2023. Please do not hesitate to contact Exhibition Chairs on any matter related to the technical exhibition for more details.

COMMITTEES

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K. Sieczkarek, IEEE EMC-S PL Chair & Region 8 Coordinator, Workshops and Tutorials Chair
J. Janiszewski, WUST, Sponsorship Chair
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D. Kaliszek, WUST, Conference website
R. Bos, WUST, Treasurer (financial matters and invoices)

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K. Staniec - Wrocław University of Science and Technology
J. Starynski - Warsaw University of Technology
D. Wiecek - WUST / National Institute of Telecommunications

CONTACT INFORMATION

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Conference on-line system:

www.conftool.org/emceurope2023

Conference venue:

www.qubushotel.com/pl/hotel-krakow



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of Science
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