



EMC Europe 2023

International Symposium and Exhibition on Electromagnetic Compatibility

September 4 - 8, 2023, Kraków, Poland

emceurope2023.org



FIRST ANNOUNCEMENT

EMC WEEK IN KRAKÓW, POLAND

EMC Europe, the leading EMC Symposium in Europe, will be held in Kraków, Poland, September 4-8, 2023. Organizers are pleased to invite and encourage all those working in the field of electromagnetic compatibility to participate in this prestigious event.

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 now merged into EMC Europe which is organized annually in a European city. The EMC Europe is 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 gives 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.

EMC Europe 2023. Kraków will be composed of 5-day oral and poster presentations, workshops, tutorials, special sessions, meetings and technical exhibition. September 4 and 8, 2023 are dedicated just to workshops and tutorials. On September 5 - 7, 2023 will be presented submitted scientific papers 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******. 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. Kraków 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. The conference venue, hotels, restaurants, pubs, clubs, shops, museums and entertainment are within walking distance.

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.

Some touristic information about Kraków you can find on <http://www.krakow.travel/en>. For virtual walk around Kraków visit <https://wirtualnyspacer.krakow.pl>.

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, Spectrum Management
- 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
- Electromagnetic spectrum regulations & management)
- Any other relevant topic

PAPER SUBMISSION

The symposium will give the unique opportunity to present on-site the progress and results of their work and to exchange ideas, discuss different points of view and share experiences with colleagues involved in EMC.

Authors are invited to submit original contributions on all EMC-related aspects in the technical areas listed above. Only full 2-column papers 4-6 pages in length, in IEEE format, will be considered by the deadlines. The paper has to be written in English and explain the originality and the relevance to EMC, and should be uploaded in PDF-format through the symposium web-based on-line conference system (available since December 1, 2022). Reviewed and accepted papers which will be presented in oral or poster sessions will be submitted for publication in IEEE Xplore. Detailed information, guidelines and paper templates can be found at the symposium web-site.

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 16, 2023
Paper submission:	February 13, 2023
Workshops & tutorials proposals:	March 31, 2023
Notification of paper acceptance:	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 & 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 (100 minutes) and there is a coffee break between timeslots. A tutorial has preferably a duration of one or two timeslots and is typically given by one or two persons. A workshop has preferably a duration of two or four timeslots (half or full day) and is typically arranged as a session with a suitable number of presentations by different presenters.

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 the Chair - dr Krzysztof Sieczkarek - Workshops and Tutorials Chair before March 31, 2023.

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. Jan Sroka - Technical Program Chair before January 16, 2023.

TOPICAL MEETINGS

During the conference it is also possible to organize other meetings (i.e. industrial forum). Proposals for topical meetings and sessions as well as short courses are welcome. Prospective organizers/speakers are invited to contact the local organizers (info@emceurope.2023.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 Jaroslaw 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 room A of the conference venue. If there is a lot of interest, the exhibition area will be expanded to include other places in the conference centre as well as a tent set up at the entrance.

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. 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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CONTACT INFORMATION

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Conference venue: www.qubushotel.com/pl/hotel-krakow

