



CPEE 2022

The 23rd International Conference on Computational Problems of Electrical Engineering

Second Call for Papers

11th – 14th of September 2022, Zuberec, Slovak Republic

WELCOME

The international conference “Computational Problems of Electrical Engineering” CPEE was established in 1999, as result of agreement among several Polish and Ukrainian universities. The major role was played by the Warsaw University of Technology (Poland) and Lviv Polytechnic National University (Ukraine). Since the early years it was annually organized with the principal aim to discuss the modern trends in computational electrical engineering (mostly signal, circuit and field theories) leading to novel approaches in the numerical analyses, optimization and design of various electrical systems. Conference participants in the first years were only Polish and Ukrainian scientists and researchers. Later, also scientist and researchers from other countries became regular participants and the events take wide international character with participants from Russia, Czech Republic, Slovakia, and Hungary and also from Great Britain, France and Japan. In 2010, the Czech Republic was appointed as the third organizing country. The Slovak Republic acted for the first time as a host country of the event in 2014.

The main conference focus is the development of modern tools for the analyses and design of complex electrical and non-electrical systems, development of effective approaches and methods for signal processing, analyses and design of electrical and electronic circuits and electromagnetic fields. As in previous CPEE conferences, the program will be comprised of invited lectures by prominent, academic and industrial experts and contributed oral as well as poster presentations on:

- application of optimization methods to the design of electrical systems by using field and circuit theory tools and signal processing,

- development of effective numerical methods of the analysis of the electromagnetic fields by applying finite element and boundary elements in 2D and 3D electromagnetic and coupled problems,
- development of new effective methods for the solution of specific biomedical problems, and radioengineering, telecommunication and antenna systems,
- development of efficient methods of signal processing based on innovative mathematical methods and tools for estimation, identification, prediction and approximation of problems,
- application of progressive education tools in the area of electrical engineering, computer science and application of the computer science.

The conference will be this year focused on application of network, field and signal theory especially in the interdisciplinary fields.

All submitted papers will be peer reviewed and accepted papers will be issued in electronic conference proceedings.

It is our great pleasure to invite you to this unique event, where professional interests will be magnified through a rich social program. We do believe that you will take part in the Conference and enjoy your stay in our picturesque country.



In cooperation with:



FACULTY OF ELECTRICAL
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Warsaw University
of Technology



GENERAL AIMS OF CPEE 2022

- Exchange of information and ideas from the academic and industrial viewpoints in the sphere of Electrical Engineering and associated disciplines,
- Discussion on the modern trends in computational electrical engineering, mostly signal, circuit and field theories, leading to novel approaches in the numerical analysis, optimization and design of various electrical systems.

ACCOMMODATION

The conference will take place at UNIZA resort of Zuberec (Western Tatras – Roháče). The resort of Zuberec offers accommodation in 15 chalets whose interior underwent the renovation in 2011. The chalets and their equipment are in a very good condition so they could satisfy customer quality expectations. The ground floor of each chalet offers a living room with comfortable seats and a TV, a kitchen including a fridge and an electric kettle, and a bathroom. The first floor comprises of two twin bedrooms. There is a possibility to place, on request, two extra beds.

More info at: <http://zuberec.uniza.sk/?lang=en>

REGISTRATION FEES

	Early Bird	Regular
Regular author	500 €	550 €
IEEE member (proof with IEEE Member card)	450 €	500 €
Student	400 €	450 €
Accompanying person	400 €	450 €

The fee includes full board, coffee breaks, accommodation, social evenings, conference tour (incl. entrance fee), and conference materials.

INFORMATION FOR THE PRESENTERS

The regular conference papers can be presented as oral or poster contribution. A great accent is laid on the discussion after each presentation. This form of organization of the workshop allows obtaining better results of meeting in the sense of greater impact on knowledge of the participants.

DEADLINES AND REQUIREMENTS

Submission of full papers:	31.05.2022
Confirmation of the accepted papers:	30.06.2022
Registration:	15.07.2022
Early bird payment:	15.07.2022
Upload of revised paper:	17.07.2022
Opening of the Conference:	11.09.2022

Registration and all further information will be announced at the conference web page.

CONTRIBUTIONS

The conference language is English. The English language will be used for all printed material and papers published in the proceedings. Papers cannot exceed 4 double-column pages (including illustrations, only in the pdf format) that will be published in the Conference Proceedings. Papers must follow IEEE proceedings templates (A4 format).

We use EasyChair for handling the submission process. After submission, papers will be selected based on a review and presentation at the conference (oral or poster).

Accepted papers will be published on USB conference proceedings and selected papers will be published in the CPEE Proceedings, which will be included in IEEE Xplore®

ADDRESS

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