

PORTOROSE AND PIRAN

Piran, the most beautiful city in Slovenian Istria, is inseparably bound with the cosmopolitan riviera of Portorose (Portorož).

The tradition of salt harvesting, now more than 700 years old, has woven its mighty story through the narrow stone streets, pleasant bays, and fertile Mediterranean landscape. Portorož and Piran are much more than the sun and sea. They offer a diversity of Slovenian Istria in one place. From the beaches in the cradle of the Adriatic Sea to the diverse scenic paths by the fertile country hills. From the cosmopolitan promenades to the romantic streets enshrined in rich history. From the authentic tradition of local customs and practices to the habits of the modern urban rhythms. A pleasant coastal breeze that fills the body and spirit with the beneficial effects of the sea and a pleasant Mediterranean climate will ensure your well-being at any time of the year.



SOCIAL EVENT

During a guided tour we will visit the sun-kissed wine country between the Alps and the Mediterranean.

The tour ends with a vine tasting and dinner with slow, multi-course meal on a terrace overlooking the vineyards.

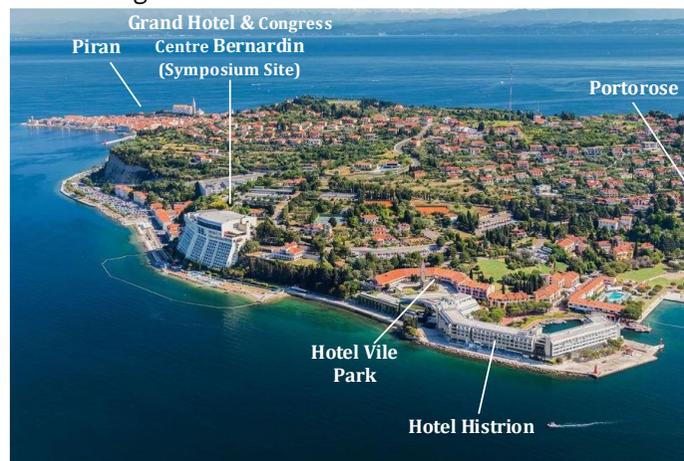


VENUE

The Congress Centre Bernardin is the first and the largest Congress Centre in Slovenia. It is settled at the Top of the Adriatic Sea where the Mediterranean and business environment merge. It is just a footstep from Piran and Portorose.

SYMPOSIUM SITE

The technical program of the EPNC 2024 symposium will be held at Congress Center Bernardin.



epnc.put.poznan.pl



University of Maribor

Faculty of Electrical Engineering
and Computer Science



Announcement and first call for papers

EPNC 2024

XXVIII SYMPOSIUM
ELECTROMAGNETIC PHENOMENA
IN NONLINEAR CIRCUITS



| June 18 – June 21 | 2024 | Portorose | SLOVENIA |



ORGANIZED BY

University of Maribor

Faculty of Electrical Engineering and Computer Science, Slovenia

Poznan University of Technology

Faculty of Automatic Control, Robotics and Electrical Engineering, Poland

Polish Academy of Sciences

Committee on Electrical Engineering

Commission of Electrical Sciences in Poznań Branch

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- * Corresponding member

INTERNATIONAL ORGANISING COMMITTEE

Martin Petrun, **Conference Chair**

SCHEDULE OF EVENTS

- February 18, 2024 Submission of 2-page papers
- March 31, 2024 Final acceptance of 2-page papers
- April 30, 2024 Final date for early registration
- June 18 - 21, 2024 Symposium Days
- July 01, 2024 Submission of the extended papers

SCOPE

The aim of the Symposium EPNC 2024 is to present the recent advances in the analysis, synthesis, optimisation, and inverse problems in nonlinear electromagnetics. The symposium provides a forum for discussion on applications of nonlinear phenomena in electrical engineering by field and circuit methods.

TOPICS

1. Nonlinear Coupled Electromagnetic Phenomena
 - Numerical Methods and Formulations
 - Multiphysics and Coupled Problems
 - New trends in Electromagnetics
2. Nonlinear Devices and Systems
 - Modelling and Control of Power Electronic Devices and Converters
 - Nonlinear Elements in Electrical Machines and Drives
3. Electromagnetics for Energy
 - Magnetic Materials and Passive Components for Power Electronics
 - Wireless Power Transfer
 - Renewable Energy Systems
 - Energy Storage
4. Bioelectromagnetics
 - Modelling of biological interactions with electromagnetic fields
 - Human Exposure Modelling and Measurements
 - Electromagnetic Aspects in Medical Imaging
 - Therapeutic application of electromagnetic fields
5. Nonlinear Optics and Wave Propagation
 - Nonlinear Optical Phenomena and Devices
 - Modelling of Nonlinear Space-Time Electrodynamics
 - Modelling of Nonlinearities in Optical Waveguides

SUBMISSION OF PAPERS

Only original and unpublished papers will be presented at the Symposium. English will be the official language. The length of the papers is limited to 2 pages. All papers accepted for presentation will be published in the Symposium Proceedings. **Prospective authors are kindly invited to submit 2-page papers before February 18, 2024**, in PDF format, directly by submission form at conference website. The instruction for the preparation of paper is available on the symposium website. The manuscripts will be evaluated by reviewers.

EXTENDED PAPERS

The extended version of selected papers will be published in a Special Issue of **COMPEL** 'The International Journal for Computation and Mathematics in Electrical and Electronic Engineering' Emerald, Bradford; the **Archives of Electrical Engineering** (AEE) journal. The authors of accepted papers are invited to submit their extended papers by July 01, 2024. Up to 30 papers in their extended version, prepared according to COMPEL editorial rules will be included in a Special Issue of COMPEL. Furthermore 20 papers will be published in the AEE journal. The extended versions will be subject to additional reviewing process.

OFFICE

If you have questions, please contact us:

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