



The international conference organized by the **Nuclear Society of Slovenia** annually brings together professionals from nuclear research organizations, educational institutions, utilities, industry, and regulatory bodies to discuss the current challenges in fission and fusion energy research.

### **Honorary patronage**

Conference NENE 2024 is taking place under the Honorary patronage of the **President of the Republic of Slovenia Nataša Pirc Musar, PhD**.

### **Slogan and Topics**

The slogan of this year's conference is "Nuclear Research: Securing a Predictable Future" and the main topics to be discussed are:

- o Reactor physics
- o Research reactors
- New reactor designs and small modular reactors
- o Nuclear fusion and plasma technology
- o Radiation and environmental protection
- Thermal-hydraulics, computational fluid dynamics
- o Safety analyses and severe accidents
- o Probabilistic safety assessment
- o Nuclear power plant operation
- o Materials in nuclear technology
- o Ageing and plant life management
- o Advances in nuclear technology
- o Regulatory issues and legislation

- Fuel cycle, radioactive waste, and decommissioning
- Education and training
- o Public outreach
- Other related topics

## **Call for Papers**

Authors are invited to submit abstracts before May 15, 2024. Abstracts should be submitted through the NENE conference website and should not exceed 3500 characters. The Program Committee will review the abstracts and inform the corresponding authors about the acceptance and the type of presentation before June 30, 2024.

**Full-length papers** are due by **August 31, 2024**. Full length papers should be submitted through the conference website and should not exceed 8 pages using the provided template.

## **Proceedings and Publication**

Proceedings containing full length peer reviewed papers presented at the conference will be published after the conference and distributed among the participants.

## **Young Authors Award**

An award will be given for the best paper prepared by a first author aged **no more than 32 years**. The Young Author Award committee will review the eligible papers and select the winner. When submitting the contribution for the Young Authors Award, the applicant should describe precisely, what is his contribution to the paper.

#### **Best Poster Award**

Posters will be evaluated according to the clarity of objectives, results and conclusions, scientific relevance, as well as aesthetics.

### **Venue and Accommodation**

The conference will take place in **Grand Hotel Bernardin** located by the sea between Portorož and Piran. Detailed information about rooms and bookings are available on their website:

#### http://www.bernardingroup.si/en/

Portorož is a coastal town in south-western Slovenia, a popular tourist destination and Piran is a charming old coastal town known for its narrow streets and Venetian architecture.

#### **Conference Fee**

The registration fee includes conference materials, welcome reception, lunches, conference dinner, and conference trip. Payments received before **July 31, 2024** will be considered as Early Bird. Fees include 22 % VAT.

	Early bird	Regular	On-site
	till	Aug. 1 to	from
	July 31	Sep. 2	Sep. 2
Full	600 €	680€	730 €
Reduced*	350 €	400€	450 €

<sup>\*</sup>Available for participants who are students or retired from work at the time of the conference.

## Supported by





### **Program Committee**

Luka Snoj, Slovenia, Chair Ivica Bašič, Croatia Robert Bergant, Slovenia Marko Čepin, Slovenia Štefan Čerba, Slovakia Leon Cizelj, Slovenia Michèle Coeck, Belgium Francesco D'Auria, Italy Christophe Destouches, France Bruno Glaser, Slovenija Davor Grgić, Croatia Tomaž Gyergyek, Slovenia Igor Jenčič, Slovenia Malcolm Joyce, UK Ivo Kljenak, Slovenia Boštjan Končar, Slovenia Janez Krainc, Slovenija Eileen Langegger, Austria Matjaž Leskovar, Slovenia Rosa Lo Frano, Italy Stanko Manojlovič, Slovenija Sabina Markelj, Slovenia Andreja Peršič, Slovenia Gorazd Pfeifer, Slovenia Igor Simonovski, EC Igor Sirc, Slovenia Radek Škoda, Czech Republic Luka Snoj, Slovenija Jorg Starflinger, Germany Iztok Tiselj, Slovenia Andrej Trkov, Slovenia Thomas Walter Tromm, Germany Timothy E. Valentine, USA Gonzalo Jiménez Varas, Spain Sandi Viršek, Slovenia Tomaž Žagar, Slovenia Nadja Železnik, Slovenia

### **Organizing Committee**

#### Tanja Goričanec, Slovenia, Chair

Aljaž Čufar, Slovenia Ula Groznik, Slovenia Sebastian Pleško, Slovenia Saša Škof, Slovenia Bojan Žefran, Slovenia

### **Dates to Remember**

May 15, 2024 Abstract submittal
June 30, 2024 Acceptance of abstracts
July 31, 2024 Early bird registration fee
Aug. 31, 2024 Full length papers
Sep. 9-12, 2024 Conference
Sep. 30, 2024 Results of peer review
Nov. 15, 2024 Camera ready papers

# **Organizer and Contact Address**

Nuclear Society of Slovenia NENE2024 Jamova cesta 39 SI-1000 Ljubljana Slovenia

> NENE2024@ijs.si +386 1 588 5395



www.djs.si/nene2024

