



RATEN  
**ICN**  
PITEȘTI



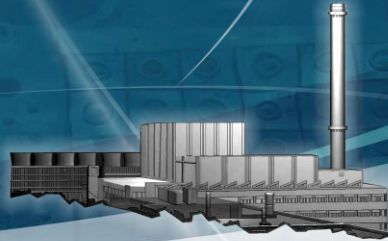
# Nuclear 2022

18-20 May, 2022  
Pitești, ROMANIA

The **14<sup>th</sup>**

## Annual International Conference on Sustainable Development through Nuclear Research and Education

organized by RATEN ICN Pitești  
under the auspices of the Romanian Academy  
in cooperation with University from Pitești,  
the Academy of Romanian Scientists  
and the Technical Sciences Academy of Romania



### Looking with confidence to the future!

Joining the national, European and international efforts, the RATEN ICN' NUCLEAR Conferences series promotes and supports the synergistic role of nuclear energy in ensuring the security of supply, as well as its contribution to the climate change objectives.

The perspective of having nuclear energy included in the European taxonomy for sustainable activities opens new opportunities to the nuclear projects. In this promising context, Nuclear 2022 particularly aims to:

- identify solutions boosting the nuclear projects implementation;
- promote the most recent and valuable progress in nuclear research and education;
- strengthen the collaboration among all stakeholders in the nuclear field.

NUCLEAR 2022 will be preceded on May 16-17, by the H2020 PIACE Project Workshop, open to international participation: "INNOVATION IN NUCLEAR SAFETY: DESIGN, EXPERIENCE AND LESSONS LEARNED" (<http://piace.brasimone.enea.it/>).

### Target Audience

Every year, the Conference attracts a large number of participants from Romania and abroad. The invitation is open but not limited to nuclear scientists, professionals, and academia, as well as to representatives of nuclear industry, regulators, local and national authorities, Government representatives, European Commission and international organizations.

A large participation of young researchers and students is highly encouraged and aimed in supporting the overall efforts for talents attraction in the nuclear field.

### Format

The conference will be organized as a 3-day hybrid event. Should pandemic safety measures permitting, we will be very happy to welcome you at our headquarters.

Plenary and parallel sessions will include keynotes, invited lectures, oral and poster presentations.

Side events (panels, round tables) and technical visits to the experimental facilities of the Institute for Nuclear Research, which was recently designated by IAEA as an International Centre based on Research Reactor (ICERR) could be hosted if the sanitary conditions will allow for.

## Important dates

**March 11** Abstract submission and on-line registration

**March 31** Notification for paper acceptance

**April 29** Full paper submission

All contributions have to be submitted at:

[conference@nuclear.ro](mailto:conference@nuclear.ro)

Registration shall be done at:

[www.nuclear.ro/online\\_registration/register.php](http://www.nuclear.ro/online_registration/register.php)

Templates for abstract and full paper can be downloaded from:

<https://nuclear.ro/conferinta/templates>

## Topics

### Nuclear Energy

- Advanced reactors and innovative systems, including SMRs and GenIV
- Nuclear safety and severe accidents
- Nuclear reactors and nuclear fuels
- Nuclear technologies and materials

### Environment protection

- Radioactive waste management
- Radiation protection
- Environment protection (air, water and soil)

### Sustainable development

- Nuclear policies and strategies
- Research infrastructure
- Nuclear energy and the society
- Education, continuous learning and knowledge management
- International partnerships for sustainable development

## Publications

All accepted papers will be included in the Conference Proceedings (ISSN 2066-2955). The most original and valuable papers will be invited to be published in the JNRD, a bi-annual scientific publication issued by ICN Pitesti (ISSN 2247 – 191X; ISSN-L 2247 – 191X). Both publications are indexed in the IAEA's INIS database.

## Awards

The Conference features two categories of awards:

- **Nuclear 2022 Award** – for the best 3 papers presented, oral or poster, by young scientists (up to 35 years old)
- **Nuclear 2022 Student Award** – for Master and Bachelor thesis presented during a dedicated Student Poster Session.

## Venue

The Conference is hosted by the Institute for Nuclear Research at its headquarter in Mioveni, 25 km North from Pitesti, on the national road Pitesti - Brasov. The closest airport is Henri Coanda - Otopeni, Bucharest (115 km to Pitesti, highway access).

## Contacts

For general questions about the conference and submission of contribution: [conference@nuclear.ro](mailto:conference@nuclear.ro)

For more specific matters on the conference: [daniela.diaconu@nuclear.ro](mailto:daniela.diaconu@nuclear.ro)

For accommodation and transport assistance: [crina.bucur@nuclear.ro](mailto:crina.bucur@nuclear.ro)

## Participation fee

The participation fee is 175 euro and includes conference papers, lunch&refreshments, as well as the Conference dinner. Upon request, students could receive fee reduction. The participation fee can be paid by bank transfer or cash at the registration desk. The bank account numbers are:

RO53RZBR0000060002951343 for Lei,

RO80RZBR0000060015472199 for EURO.

They are open at Raiffeisen Bank Agentia Mioveni, SWIFT code RZBR ROBU.

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