



Nuclear 2018

The 11th Annual International Conference on Sustainable Development through Nuclear Research and Education

**23-25 May
Pitesti, ROMANIA**

organized by
RATEN ICN Pitesti
under the auspices
of the Romanian Academy
in cooperation with
University from Pitesti
and the Academy
of Romanian Scientists

NUCLEAR 2018 invites the international nuclear research community, industry, policy makers, safety authorities and academia to share their most recent results on the key topics demonstrating the achievements in the continuous improvement in nuclear safety, development of innovative reactors, demonstration of radioactive waste disposal and approaches toward nuclear knowledge management.

Topics

The conference agenda will focus and explore the following topics:

I. Nuclear Energy

- Nuclear Safety and Severe Accidents
- Nuclear Reactors
- Generation IV
- Nuclear Technologies and Materials

II. Environmental Protection

- Radioactive Waste Management
- Radioprotection
- Air, Water and Soil Protection

III. Sustainable Development

- Policies and Strategies in Energy and Nuclear Research
- Research Infrastructure
- Education, Training and Knowledge Management
- International Partnerships for a Sustainable Development

A technical visit of ICN facilities (TRIGA Research Reactor, Hot Cells and Materials Testing Laboratories) will follow the Conference on May 25th, 2018.

Scientific Committee

CS I Ilie TURCU - President
ICN Pitesti - Romania

Prof. dr. Șerban Constantin VALECA
University from Pitesti - Romania

Acad. Marius PECULEA
Romanian Academy - Romania

Dr. Maria ROTH
RATEN - Romania

Dr. Alexandru TOMA
ICN Pitesti - Romania

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Acad. dr. Nicolae ZAMFIR
IFIN HH Bucharest - Romania

Prof. dr. ing. Adrian BADEA
Academy of Romanian Scientists - Romania

Prof. dr. Ilie PRISECARU
University Politehnica Bucharest - Romania

Dr. Theodor CHIRICĂ
ENERGONUCLEAR - Romania

Publications

All accepted papers will be included in the Conference Proceedings (ISSN2066-2955) and in the IAEA's INIS DATABASE.

The most original and valuable papers will be invited to be published in *Journal of Nuclear Research and Development*, a bi-annual scientific publication edited by ICN Pitesti (<http://www.jnrd-nuclear.ro/>)

Important deadlines

- **February 28, 2018** - Abstract submission and registration;
- **March 30, 2018** - Notification for paper acceptance;
- **April 30, 2018** - Full papers submission.

Language

Papers should be written in English. The official languages of the Conference are both Romanian and English. Translation will be provided.

Venue

The Conference shall be hosted by the Institute for Nuclear Research at its premises in Mioveni, town located approx. 25 km distance from Pitesti, on the national road Pitesti - Brasov.

The closest airport is Henri Coanda - Otopeni, Bucharest (115 km to Pitesti, freeway access).

From Bucharest, Pitesti can be reached:

- ◆ by car - on freeway A1;
- ◆ by train - every 2 hours from Bucharest North Railway Station (Gara de Nord);
- ◆ by bus - almost every 30 min. from Militari Bus Station.

The transport from Pitesti to Mioveni shall be provided by the Institute for Nuclear Research at 8:15 am every morning, from Muntenia Hotel.

Accommodation

The Organizing Committee advises on the following hotels in Pitesti:

- **Hotel Ramada**
Calea Bucuresti 31, phone: +4 0372 480500,
www.ramadapitesti.ro
- **Hotel Victoria**
Str. Egalitatii no. 21, phone: +4 0248 220777,
www.victoriahotel.ro
- **Hotel Cara**
Str. I.C. Bratianu, no. 2, phone: +4 0248 218045,
www.hotel-cara.ro
- **Hotel Arges**
Piata Munteniei 3, phone: +4 0248 223399,
www.hotelarges.ro
- **Hotel Yaky Center**
Bulevardul Republicii 57, phone: +4 0248 224227,
www.yakycenter.ro

Young Scientist Awards

Nuclear 2018 will award the best three papers presented by young scientist researchers, selected by the Scientific Committee according to the evaluation criteria available on the website.

Students session

A special poster session will be dedicated to the education and training in nuclear energy aiming to increase the interest of high school and university students in nuclear research.

NUCLEAR 2018 invites professors, teachers, high school and university students to a special poster session dedicated to the education and training in nuclear energy.

Participation fee: 150 euro

The participation fee includes registration, conference papers, technical visit, lunches and the conference dinner.

The fee for the accompanying persons is 50 EUR and covers the social events.

Upon request, students can receive a 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

opened at Raiffeisen Bank Agentia Mioveni, SWIFT code RZBRROBU.

For more information regarding this Conference, please contact

daniela.diaconu@nuclear.ro

Registration, abstract and full paper should be submitted at

conference@nuclear.ro

Registration Form is available on

www.nuclear.ro

Organizing Committee

Daniela DIACONU
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