

## Important Deadlines

**March 15, 2014** - Abstract submission and registration

**March 31, 2014** - Notification for paper acceptance

**April 30, 2014** - Full papers submission

## Venue:

Conference will be hosted by the  
**Institute for Nuclear Research Pitești**

Câmpului Street, 1,  
Mioveni, 115400,  
România

Phone: +40 248 213 400; fax: +40 248 262 449

[www.nuclear.ro](http://www.nuclear.ro)

## Participation Fee: 150 EURO

The participation fee includes registration, conference papers, technical visit, lunches and the conference dinner. Upon request, students could receive fee reduction.

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

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 RZBR ROBU.

For more information regarding this Conference, please contact [daniela.diaconu@nuclear.ro](mailto:daniela.diaconu@nuclear.ro)

Registration, abstract and full paper should be submitted at [conference@nuclear.ro](mailto:conference@nuclear.ro)

## Nuclear 2014

All 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 proposed to be published in *Journal of Nuclear Research and Development*, a the bi-annual scientific publication edited by ICN Pitești.

## Nuclear 2014

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

## Scientific Committee:

**CS I Ilie TURCU – President**

ICN Pitești - România

**Prof. dr. Șerban Constantin VALECA**

University from Pitești - România

**Acad. Marius PECULEA**

Romanian Academy - România

**Dr. Maria ROTH**

RATEN - Romania

**Dr. Gerard COGNET**

CEA – France

**Dr. Georgios GLINATSI**

ENEA - Italy

**Prof. dr. Ioan ȘTEFĂNESCU**

ICSI Râmnicu Vâlcea - România

**Prof. dr. Hamid Ait ABDERRAHIM**

SCK•CEN - Belgium

**Dr. John SARODIS**

CANDU ENERGY - Canada

**Dr. Alessandro ALEMBERTI**

ANSALDO - Italy

**Acad. dr. Nicolae ZAMFIR**

IFIN HH Bucharest - România

**Prof. dr. ing. Adrian BADEA**

Academy of Romanian Scientists - România

**Prof. dr. Ilie PRISECARU**

University Politehnica Bucharest - România

**Dr. Theodor CHIRICĂ**

ENERGONUCLEAR - România

## Organizing Committee:

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Marin CONSTANTIN

Minodora APOSTOL

Maria IONILĂ

Dumitra LUCAN

Alexandru TOMA

Cristina Alice MĂRGEANU

Crina BUCUR

Alina CONSTANTIN

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Ionuț NIȚU

Ștefan PREDĂ



The 7<sup>th</sup> Annual  
International Conference  
on Sustainable Development  
through Nuclear Research  
and Education



May 28-30, 2014  
Pitești,  
România



RATEN  
ICN PITEȘTI  
INSTITUTUL DE CERCETĂRI NUCLEARE



Registration and call for papers!

## Context & Objectives

Organized by the Institute for Nuclear Research, under the auspices of the Romanian Academy, in cooperation with the University of Pitesti and the Academy of Romanian Scientists, Nuclear 2014 intends to bring together a large representation of nuclear research and industry, academia and energy policy from all over the world to address the major concerns and challenges in nuclear energy in the context framed by the national and international priorities.

Efforts to meet the objectives of CO<sub>2</sub> reduction, safe and competitive energy supply are constantly made across the world. The EU research framework, Horizon 2020 complemented with EURATOM topics focusing on innovation is intended to contribute to the sustainability and competitiveness of nuclear energy on the energy market.

Highlighting the Horizon 2020 priorities, **Nuclear 2014** will address several topics of interest among which the following are worth mentioning: the progress achieved in safety improvement and radioactive waste disposal, the contribution of nuclear research and education to increase the nuclear energy competitiveness on a free regional market, the status of in innovative reactor development and how the education and training are aligned to the future needs of nuclear energy

**Nuclear 2014** intends to share the most original results recently achieved all around the world by nuclear energy research and education, industry and operators in their efforts to meet the future expectations in this field.

	Day 1	Day 2	Day 3
8:30	Registration	Plenary Session II	Technical visit
9:30	Opening ceremony		
10:00	Plenary Session I		
13:00	Lunch	Lunch	Lunch
14:00	Topical sessions	Topical sessions	
17:00	Poster Session 1	Poster Session 2	
18:15	End of the day	End of the day	

## Accommodation

The Organizing Committee advises on the following hotels in Pitesti:

<b>Hotel Ramada</b>	Calea Bucuresti 31 phone: +4 0372 480500, <a href="http://www.ramadapitesti.ro">www.ramadapitesti.ro</a>
<b>Hotel Yakycenter</b>	Bulevardul Republicii 57 phone: +4 0248 224227, <a href="http://www.yakycenter.ro">www.yakycenter.ro</a>
<b>Hotel Victoria</b>	Str. Egalitatii no. 21, phone: +4 0248 220777 <a href="http://www.victoriahotel.ro">www.victoriahotel.ro</a>
<b>Hotel Cara</b>	Str. I.C. Bratianu, no. 2, phone: +4 0248 218045, <a href="http://www.hotel-cara.ro">www.hotel-cara.ro</a>
<b>Hotel Arges</b>	Piata Munteniei 3 phone: +4 0248 223399, <a href="http://www.hotelarges.ro">www.hotelarges.ro</a>

## Topics

The conference agenda will focus and explore the following topics:

- I. Nuclear Energy**
  - Nuclear Safety and Severe Accidents
  - Nuclear Reactors
  - Nuclear Technologies and Materials
- II. Environmental Protection**
  - Radioprotection
  - Radioactive Waste Management
  - 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 30<sup>th</sup>, 2014.

## Language

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

## Abstract & Paper format

The Organizing Committee invites abstracts of original papers, on the Conference topics, presenting the purpose, results and conclusions of the work in a maximum 500 words according to the template found on the Conference site [www.nuclear.ro](http://www.nuclear.ro)

The full paper should not exceed 8 pages and should be in compliance with the template format available on the conference site, [www.nuclear.ro](http://www.nuclear.ro).

## Venue

The Conference shall be hosted by the Institute for Nuclear Research at their premises in Mioveni, town located at about 25 km away 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, or by train – every 2 hours from Bucharest North Railway Station (Gara de Nord), or 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 a.m. every morning, from Muntenia Hotel.

## Registration Form

# Nuclear 2014

## The 7<sup>th</sup> Annual International Conference on Sustainable Development through Nuclear Research and Education

28-30 May, 2014  
Pitești, România

Name: \_\_\_\_\_

Surname: \_\_\_\_\_

Title: Mr/Ms/Dr/Prof.: \_\_\_\_\_

Institution/Company: \_\_\_\_\_

Address: \_\_\_\_\_

Tel.: \_\_\_\_\_ Fax: \_\_\_\_\_

e-mail: \_\_\_\_\_

Nationality: \_\_\_\_\_

C. I. / Passport No.: \_\_\_\_\_

Date of issue: \_\_\_\_\_

Place of issue: \_\_\_\_\_

Valid until: \_\_\_\_\_

I intend to present a paper

I intend to participate as a delegate only

I intend to participate in the technical visit

Title of the paper: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Authors: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Topics (please, select at least one):

Nuclear Safety and Severe Accidents

Nuclear Reactors

Nuclear Technologies and Materials

Radioprotection

Radioactive Waste Management

Air, Water and Soil Protection

Policies and Strategies in Energy and Nuclear Research

Research Infrastructure

Education, Training and Knowledge Management

International Partnerships for a Sustainable Development

Word document can be downloaded from  
[www.nuclear.ro](http://www.nuclear.ro)