



## **International Symposium on Natural Radiation Sources – Challenges, Approaches and Opportunities**

**Bucharest, Romania**

**21 - 24 May 2019**

Organised under the auspices of the Romanian Presidency of the Council of the European Union by:  
**National Commission for Nuclear Activities Control (CNCAN)** in partnership with the  
**Romanian Society for Radiological Protection (SRRP)** and with the involvement of:

**Politehnica University of Bucharest (UPB)**

**Technical University of Civil Engineering Bucharest (UTCB)**

**Babes Bolyai University of Cluj Napoca (UBB)**

**Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering (IFIN-HH)**

**Technologies for Nuclear Energy State Owned Company (RATEN)**

**National Research and Development Institute for Cryogenics and Isotopic Technologies (ICSI  
Rm. Vâlcea)**

**Inter-ministerial Committee for implementation of Radon National Action Plan**

European Union Council Directive 2013/59/Euratom laid down Basic Safety Standards for protection against the dangers arising from exposure to ionising radiation. Under this new Directive the natural radiation sources take on particular significance. Thus, the topics of the symposium are related to challenges, approaches and opportunities in management of natural radiation sources, radon indoor, radon in workplaces and building materials. The Symposium is intended as a forum of discussions between experts, professionals and representatives of the organizations involved in management of natural radiation sources and it is expected to provide opportunities for new scientific and businesses initiatives. The Symposium is addressed to students and young researchers as well. In addition, a special focus will be on presentations and discussions related to recent R&D, education and public information, as well as the way to support future societal needs.

The contributed abstracts will be collected in a book of abstracts which will be provided to the participants. The selected papers will be published in *Romanian Journal of Physics*, *UPB Scientific Bulletin* or *Journal of Nuclear Research and Development*.

**Language: English (translation into Romanian will be available)**

**Location: Bucharest, Romania**

**Date: 21 - 24 May 2019**

**Participation fee:** No participation fee

### **Key topics**

Policies, strategies and regulatory framework in the field on natural radiation sources.

Implementation of the newest standards and requirements.

Radon challenges and approaches - Radon in door; Radon in workplaces; Dose estimation; Measurements techniques; Remediation experiences.

Management of Natural Radiation Sources challenges and approaches – Natural Radiation Sources industries; Natural Radiation Sources inventories, Dose estimation; Long term management; Remediation experiences and decommissioning of industrial facilities contaminated with natural radionuclides .

Building materials with natural radionuclides challenges and approaches.

R&D supporting current projects in radon, Natural Radiation Sources and building materials with natural radionuclides.

Education, training, knowledge management and challenging management of human resources.

Public communication and stakeholder involvement.

Posters

### **IMPORTANT DATES**

**28 February 2019:** Abstract submission deadline

**15 March 2019:** Notification of abstract acceptance

**15 April 2019:** Paper submission deadline

**25 April 2019:** Opening registration

**30 April 2019:** Symposium program

**20 - 24 May 2019:** End of registration

### **INFORMATION – CONTACT POINTS**

For abstract submission, registration and more information on the symposium: please visit the symposium website: <http://www.cncan.ro>

For more clarifications please contact:

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### **ABSTRACT GUIDELINES**

*The title will be written with “Times New Roman”, 14 points, uppercase letters, bold, centered, followed by an empty line.*

*The names of the authors will be written with “Times New Roman”, 12 points, names with lowercase letters and family names with uppercase letters , centered, followed by an empty line. Numbered superscripts will label the affiliations of the different authors. The author presenting the paper should be underlined.*

*The affiliations will be written with lowercase letters, using “Times New Roman”, 10 points, italics, centered, followed by an empty line.*

*The abstracts must be written in English on one A4 page no more than 400 words, with 2.5 cm margins all around, using “Times New Roman”, 12 points, with a single line paragraph spacing.*

*The text of the abstract should be justified.*

*The use of figures, references and acknowledgements in the abstract is encouraged.*

## **REGISTRATION FORM**

Name

Family name

Position

Affiliation

City

Country

e-mail

I will provide: \_\_\_\_\_ oral presentation \_\_\_\_\_ poster \_\_\_\_\_

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