

ICRSH 2016
THE 2ND INTERNATIONAL CONFERENCE
OF THE ROMANIAN SOCIETY OF HADRONTHERAPY
FEBRUARY 25-28, 2016, ROMANIA

Dear colleagues,

The International Scientific Committee and Local Organizing Committee are pleased to invite you to participate to the 2nd International Conference of the Romanian Society of Hadrontherapy (ICRSH 2016) which will be held at Sinaia, Romania, from 25 to 28 February.

The 2nd ICRSH is organized by The Romanian Society of Hadrontherapy (RSH) in cooperation with "Horia Hulubei" National Institute for R&D in Physics and Nuclear Engineering, National Institute for Laser, Plasma & Radiation Physics (INFLPR) and "Carol Davila" University of Medicine and Pharmacy. The 2nd ICRSH intend to provide an international interactive platform for professionals, academics, and researchers to present their latest developments, from theoretical studies to interdisciplinary applications related to hadrontherapy.

SCIENTIFIC PROGRAM

The 2nd ICRSH will cover the following topics, including but not limited to:

- **Economical and Medical Aspects of hadrontherapy in Romania and international perspective**
- **Education in hadrontherapy**
 - o overview of the clinical, physical, and biological basic knowledge of hadrontherapy;
 - o exploitation and processing data e-learning and production of knowledge in physics, medicine and biology;
 - o medical informatics; imagistic; dosimetry;
 - o simulation and planning in conventional radiotherapy, hadrontherapy and HIFU.
- **Indications, QA and efficiency of hadrontherapy**
 - o good practice, optimization and quality assurance; international standards and multicenter studies in hadrontherapy;
 - o indications and efficiency of hadrontherapy in cancer treatment; methods and techniques; biologic monitoring of radiotherapy;
 - o hadrontherapy in eye cancer;
 - o radiation pathology and radioprotection; forensic medicine issues in radiotherapy and hadrontherapy.
- **Translational Research**
 - o preclinical radiobiology in hadrontherapy;
 - o bioinformatics, computing biology and modeling methodologies in radiotherapy; nanotechnology;
 - o dosimetry & microdosimetry in radiochemistry and radiobiology;
 - o micro-imaging and high resolution human imaging using ionizing radiation and other methods for molecular and tissular diagnosis.

- Instruments & Methods

- accelerators & other new generators for ionizing radiation for conventional radiotherapy and beams for hadrontherapy;
- characterization, transport, bending, splitting and delivery of beam in hadrontherapy ;
- maintenance and service for accelerators.

REGISTRATION

Registration is now available at office@icrsh.ro, nverga@icrsh.ro.

The Registration fee is 200 EUR (or equivalent in RON at the BNR current exchange rate), for academic and industrial attendees and 75 EUR (or equivalent in RON at the BNR current exchange rate) for MSc & PhD students. The payment can be made at the conference's desk or can be transferred into the following bank accounts:

CEC BANK, Sucursala Lipscani,

Address: 18- 22, Lipscani str., Sect. 3, Bucharest, Romania

EURO IBAN code is RO71CECEB312C1EUR2129656

RON IBAN code is RO43CECEB31243RON2129650

SWIFT Code: CECEROBU

For any supplementary payment details, please contact nverga@icrsh.ro.

The conference registration fee includes conference bag, abstracts book, 3 meals (Welcome Dinner, Oficial Dinner, Saturday Dinner) and coffee breaks.

ABSTRACT SUBMISSION & PUBLICATION

The Abstracts (in both **.doc** and **.pdf** format) should be sent to the Conference Coordinator, Nicolae Verga, at the following e-mail address; nverga@icrsh.ro.

The Abstract must include: title, abstract text, authors and their affiliation in order to be consider for reviewing and registration process. Instructions for abstract preparation and electronic submission will be available shortly on ICRSH website www.icrsh.ro.

The best three papers of young scientists and PhD students will be awarded by the scientific committee at the end of the conference.

The papers which describe original and unpublished work related to the conference topics will be published as full papers in a special issue of an ISI journal (the selection of the journal is under consideration). All submitted papers will be reviewed by three members of the ICRSH scientific committee.

AGENDA

- ✓ February 25 (Thursday) - Welcome Dinner
- ✓ February 26 & 27 (Friday and Saturday) - Official Opening, invited lectures, Oral & Poster Presentations and Social Program.
- ✓ February 28 (Sunday) – Closing Remarks, Departure

Language: The official Conference language is **English**

ACCOMMODATION

The conference will be held in Sinaia, Romania, at Hotel Anda Conference Centre (www.hotelanda.ro). Participants' accommodation should be made via the local organizers in order to benefit of discounts.

Best regards,

**Acad. Prof. Nicolae Victor Zamfir PhD,
Honorary President of the ICRSH 2016**

**Acad. Prof. Ioanel Sinescu MD, PhD,
Honorary President of the ICRSH 2016**

**Nicolae Verga, MD, PhD, DSc
ICRSH 2016 Conference Coordinator**