

## MAIN TOPICS:

(see the programme / will be available at The Second Announcement)

☀ Proton-therapy and neutron-therapy, what is necessary and sufficient?

☀ Inter disciplinary and multi disciplinary R&D

☀ The clinical application in proton-therapy and neutron-therapy.

☀ Varia

## PROGRAM:

Preliminary program will be available very soon on the RSH website. In addition to the keynote speakers included in the preliminary program, we are expecting contributions for oral and poster presentations. A small exhibition is also considered. We encourage all participants to visit the workshop's web-page at

<http://www.rsh.ro>

for additional details and updates.

## DRAFT AGENDA:

February 26, Thursday - welcome dinner.

February 27 and 28, Friday and Saturday - official opening, oral & poster presentations, social program.

March 1st – closing remarks, departure.

## ORGANIZERS:

The Romanian Society of Hadrontherapy In cooperation with:



- The "Horia Hulubei" National Institute of Physics and Nuclear Engineering (IFIN-HH)



- The "Carol Davila" University of Medicine and Pharmacy



- The Nuclear Agency Romania



- The National Institute for R&D in Electrical Engineering - Advanced Research (INCDIE ICPE-CA)



With the support of The National Authority for Scientific Research (ANCS), Romania



The 1st Romanian Society of Hadrontherapy (RSH) Workshop

**"RADIOTHERAPY  
WITH NEUTRON AND PROTON BEAMS  
AS INTER- AND MULTI- DISCIPLINARY R&D"**

**PREDEAL, ROMANIA  
February 27th - March 1st, 2009**

## FIRST ANNOUNCEMENT

☀ *The secondary effects of hadron-therapy and the clinical realities, the optimisation of the hadrontherapy based on the radiobiology and their visibility and visualisation in clinical facts and in the next experimental set-up.*

☀ *The theoretical and computational biology and their importance in the economy of the radiotherapy programs.*

☀ *Considering the new tendencies in the developing of the hadrontherapy facilities what can be both necessary and sufficient and what can be the new economical - technological directions for developing of these facilities in radiosurgery clinical application?*



## SCIENTIFIC COMMITTEE:

- **Sorin Comorosan**, Acad. Prof. MD, PhD, Honorary Member of the Romanian Academy (Honorary President of the Scientific Committee)
- **Nicolae Victor Zamfir**, Acad. Prof. Dr. (President of the Scientific Committee, General Director of IFIN-HH, Magurele, Romania)
- **Evgheni A. Krasavin**, Director of Laboratory of Radiation Biology, JINR Dubna, Russia
- **F. Vernimmen**, Prof., Head of Department of Radiation Oncology, Stellenbosch University and Tygerberg Hospital, Cape Town, South Africa
- **Gheorghe Cata-Danil**, Prof. Polytechnic University of Bucharest and IFIN-HH and SRH, Romania
- **Li Jiamin**, Prof. Wanjie Proton Therapy Center (WPTC), Wanjie Hospital, Wanjie Group, Zi-Bo City, China
- **Alexandru Jipa**, Prof., PhD, Dean of Faculty of Physics, Bucharest University, Romania
- **Maria Grazia Pia**, Prof. CERN/IT and INFN Genova Italy
- **Rodica Anghel**, Prof., MD, PhD, Department of Radiotherapy, Institute of Oncology "Alexandru Trestioreanu" Bucharest, Romania
- **Dan Popescu**, Dipl. Eng. Nuclear Agency, Romania
- **Ioan Ursu**, Phys. PhD, Scientific Secretary of IFIN-HH, Magurele, Romania
- **Dan Dumitras**, Prof. PhD, Department of Lasers, National Institute for Laser, Plasma and Radiation Physics, Romania

## LOCAL ORGANIZING COMMITTEE:

- Lect. **Nicolae Verga**, "Carol Davila" University of Medicine and Pharmacy, Coltea Hospital and RSH (President of the Local Organizing Committee)
- Dr. **Ioan Ursu** RSH
- Prof. **Gheorghe Cata-Danil**, RSH
- Dipl. Eng. **Laura Alecu**, PhD, INCDIE ICPE-CA

## KEYNOTE SPEAKERS: (to be confirmed)

- Prof. **F. Vernimmen**, Department of Radiation Oncology, Stellenbosch University and Tygerberg Hospital, Cape Town, South Africa
- Prof. **Maria Grazia Pia**, CERN/IT and INFN Genova
- Dir. **Evgheni A. Krasavin**, Director of LRB, JINR Dubna, Russia
- Prof. **Li Jiamin**, WPTC Wanjie Hospital, China
- Dr. **Evgheniy Luchin**, JINR Dubna, Russia

## ABSTRACTS AND PROCEEDINGS:

The participants presenting papers at the workshop are kindly asked to send an abstract of their presentation before the January 30th, 2009, in order to be included in the abstract book. The abstracts should be sent by e-mail to dr. N. Verga at [nverga@rsh.ro](mailto:nverga@rsh.ro) and [office@srh.ro](mailto:office@srh.ro).

The full papers (as MS PowerPoint presentations) will be sent by e-mail, to the workshop coordinator, dr. N. Verga at [nverga@rsh.ro](mailto:nverga@rsh.ro) and/or [office@srh.ro](mailto:office@srh.ro), before the February 15th, 2009.

The proceedings of the workshop will be available on cd-rom only, freely distributed to all the participants.

Language: The official workshop language is English.

## REGISTRATION:

On-line registration is now available at [nverga@rsh.ro](mailto:nverga@rsh.ro), [office@rsh.ro](mailto:office@rsh.ro). To be considered for a presentation, please include the title in the registration information.

The registration fee is 150 EUR for academic and industrial attendees and 50 EUR for MSC & PhD students. We accept cash to be paid at the registration desk during the workshop. Other payment details will be available in the second circular and on the workshop website.

The deadline for ON-LINE registration is February 15th, 2009. The registration is also available at the desk of workshop on February 26th.

For more information please contact the Workshop coordinator, N. Verga at [office@rsh.ro](mailto:office@rsh.ro), tel. 0040 752.783.694

## PROGRAM & ACCOMODATION:

The workshop's sessions will be held at Hotel Ski & Sky, <http://www.ski-sky.ro>, a four stars hotel from Predeal – a resort located in centre of Romania on the Prahova Valley near the Bucegi Mountains (142 km distance from Bucharest, 25 km from Brasov and 25 km from Sinaia). Lunch and dinner will be served at this location.



In case that enough participants will choose to book a room at this hotel, there exists the possibility to obtain a fairly discounted price. To benefit from the special rates quoted for workshop participants reservations should be made via the local organizers through email [office@rsh.ro](mailto:office@rsh.ro). In order to allocate sufficient time for your presentations, please send to N. Verga ([office@rsh.ro](mailto:office@rsh.ro)) a copy of your presentation in Microsoft Power Point format (.ppt) BY JANUARY 30th, 2009.

