

12TH TIHANY SYMPOSIUM ON RADIATION CHEMISTRY

AUGUST 27 – SEPTEMBER 1, 2011
ZALAKAROS, HUNGARY

The series of “Tihany” Symposia on Radiation Chemistry aims to promote worldwide scientific and technical collaboration among scientists involved in various aspects of radiation research and applications in a stimulating and thought provoking environment.

The first Symposium was held in Tihany in 1962 and since then has been held approximately every four years. Most recent meetings were in Sopron (2002) and Eger (2006). Now it is our pleasure to announce the 12th Tihany Symposium.

The scientific program of the Symposium covers all the major disciplines of both basic and applied radiation chemistry, with invited speakers, oral and poster contributions from participants. Generous time frame will be allocated to open discussions.

SCIENTIFIC SCOPE

- Fundamental processes in radiation chemistry
- Electron beam-, ion beam-, photon-, laser-, plasma- and gamma irradiation applications
- Chemistry of exotic atoms (e. g. positronium, negative ions, positron annihilation)
- Radiolysis of inorganic and organic systems
- Radiation chemistry of biological systems
- Radiation chemistry of nanoscale systems
- Macromolecular systems (polymerization kinetics, crosslinking, grafting, etc.)
- Radiation sterilization (current issues, pharmaceuticals, etc.)
- Biomedical materials (biocompatible surfaces, hydrogels, drug delivery, etc.)
- Environmental protection (e. g. wastewater-, sludge-, flue gas treatment, recycling, etc.)
- Food irradiation, identification of irradiated food, packaging materials
- Radiation resistant materials (sterilization, deep space, nuclear reactors, etc.)
- Dosimetry and process control

ORGANIZERS

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General Symposium Chair: László Wojnárovits

Organizing Chair: András Kovács

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Janusz Rosiak (Poland)
Christina Trautmann (Germany)

Attila Vértes (Hungary)
Árpád Vincze (Hungary)

INVITED LECTURERS (NOT COMPLETE YET):

Marie-Claude Clochard (France)

Xavier Coqueret (France)

Clelia Dispenza (Italy)

András Dombi (Hungary)

Sara Goldstein (Israel)

Mohammad Haji-Saeid (IAEA)

Bumsoo Han (Korea, Republic of)

Arne Miller (Denmark)

Simon Pimblott (USA)

Clemens von Sonntag (Germany)

PROCEEDINGS

The abstracts of all contributions will be printed in the Book of Abstracts, and full papers will be published (subject to peer review) in a special issue of the Radiation Physics and Chemistry.

LANGUAGE

The official language of the Symposium is English.

LOCATION

The small town of Zalakaros (population 1.500) lies in the south-western region of Hungary, 40 km far from the Balaton. There is a small airport in Sármellék in a distance of 15 km. The settlement has been well known in Hungary and abroad for the remarkable medicinal thermal bath discovered in the 60's, which is with its water of 96 °C the warmest spa in Hungary. This thermal water is ideal for curing skin-defections, gum-diseases, curing locomotor disorders, as well as for rehabilitation purposes.

ADDRESS OF THE CONFERENCE

Hunguest Hotel Freya

Termál u. 7. 8749 Zalakaros

Phone: +36 70 321 7926

Fax: +36 1 700 2177

Web page: www.ohb.hu/freya/index.en.html

ACCOMMODATION

All participants will be accommodated in Hunguest Hotel Freya. The Hotel is situated in a well maintained 10-acre park of the open-air thermal bath, decorated with trees and flowers, in the city center. The hotel is connected to Gránit Thermal Bath with a heated passageway, making the therapy section within easy reach. Both medicinal and thermal water are available in the thermal bath. The first indoor Fun Bath in Hungary (360 m² of water with 11 different attractions) is also to be found here. The various water outlets act as massaging devices. Walking against a strong stream of water will prove to be a real exercise.

The conference room and the poster room are also located in the hotel. All meals will be served in the hotel restaurant. Accommodations on a full board basis will be offered in double and single rooms.

CONFERENCE FEE

The exact conference fee and methods of payment will be announced in the second circular and posted on the web page.

DEADLINES

Second circular and call for abstracts:
January 20, 2011

Abstract submission:
March 31, 2011

Notification about acceptance of abstracts:
April 25, 2010

Final registration, hotel reservation:
May 31, 2011

Full papers:

August 27, 2011 at the registration

PRELIMINARY REGISTRATION

If you or any of your colleagues are interested in attending the conference and wish to receive the second circular, please fill in the „Preliminary Registration” form at the conference web page. Alternatively, you can use the enclosed information sheet and return it by e-mail, fax or mail to the address given below.

CONFERENCE WEB PAGE

All information will be available on the regularly updated conference web page: www.tihany.kfki.hu

CORRESPONDENCE

Dr. András KOVACS
Institute of Isotopes
Hungarian Academy of Sciences
Konkoly-Thege M. ut 29-33.
H-1121 Budapest, Hungary
Mailing address: P.O.Box 77.
H-1525 Budapest, Hungary
Phone/Fax: (+361) 392 2548
E-mail: rc.tihany@gmail.com

**PLEASE SEND YOUR REGISTRATION AND ALL
YOUR CORRESPONDENCE AND INQUIRY TO
THE ABOVE ADDRESS**



1st ANNOUNCEMENT

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ORGANIZED BY

**Institute of Isotopes HAS
Hungarian Academy of Sciences (HAS)
Hungarian Atomic Energy Authority (HAEA)
International Atomic Energy Agency (IAEA)**