

INTERNATIONAL SCIENTIFIC AND PROGRAM COMMITTEE

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YOUNG INVESTIGATOR AWARD COMMITTEE

Marie Davidková (Czech Republic)
Paul Doetsch (USA)
Alexandros Georgakilas (USA)

IMPORTANT DEADLINES

Applications for Young Investigator
Awards: **31st January 2012**
Early registration and abstract
submission: **15th March 2012**
Registration deadline:
30th April 2012

ORGANIZING COMMITTEE

Marie Davidková
Martin Falk
Václav Štěpán
Kateřina Pachnerová Brabcová
Natálie Megisová
Yvona Sýkorová

CONTACT

12th International Workshop
on Radiation Damage to DNA

Nuclear Physics Institute ASCR
Dept. of Radiation Dosimetry
Na Truhlářce 39/64

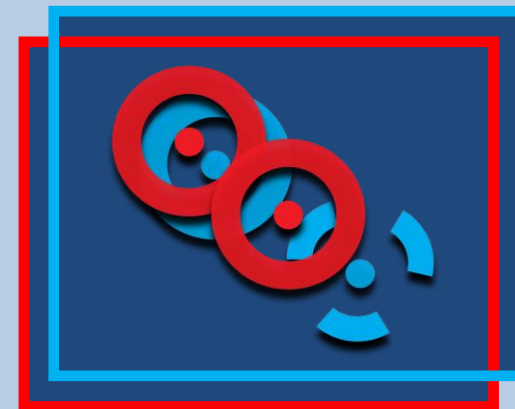
18000 Prague 8, Czech Republic

Tel.: +420 266177200

Fax: +420 274782381

Email: radamdna@hroch.ujf.cas.cz

<http://radamdna.odz.ujf.cas.cz/>



12th International Workshop on Radiation Damage to DNA



2nd – 7th June 2012
Prague, Czech Republic

First Announcement
<http://radamdna.odz.ujf.cas.cz/>

INVITATION

Dear Colleagues,

We are pleased to invite you to the 12th International Workshop on Radiation Damage to DNA.

The workshop will be held at the Courtyard Marriot Hotel, Prague, Czech Republic from Saturday June 2nd to Thursday 7th, 2012. This is the twelfth of interdisciplinary workshops bringing together every two years physicists, chemists and biologists with common interest in radiation damage to DNA.

The meeting will explore recent advances in our understanding of complex and interdependent events associated with DNA macromolecules exposed to various types of radiation and radiomimetic agents. The program is comprised of oral presentations and poster sessions, and time for open discussions.

The scientific sessions of the workshop will include presentations dealing with track structure theory, microdosimetry, direct and indirect actions of radiation, experimental techniques for DNA damage measurement, DNA damage at low doses and by low and high LET radiations, repair of strand breaks and base damage, complex lesions, role of chromatin in DNA damage induction and repair, bystander effects, systems and structural biology in understanding DNA damage and repair. The goals of this meeting are to stimulate interdisciplinary thinking and synergistic interactions between the participants, and to foster the long-term development of this research area by encouraging participation of young investigators. The number of the participants is limited to approximately 120 in order to ensure ambiance for intimate interactions and informal discussions.

We look forward to welcoming you to this workshop in June 2012.

MARIE DAVIDKOVÁ

NUCLEAR PHYSICS INSTITUTE ASCR, PRAGUE

AND MARTIN FALK

INSTITUTE OF BIOPHYSICS ASCR, BRNO

GENERAL TOPICS

- **PHYSICAL MECHANISMS OF DNA DAMAGE FORMATION**
- **CHEMISTRY OF DNA RADIATION DAMAGE**
- **REPAIR OF DOUBLE STRAND BREAKS**
- **REPAIR OF BASE DAMAGE**
- **REPAIR OF COMPLEX DNA LESIONS**
- **CHROMATIN MODIFICATIONS**
- **DNA REPAIR INHIBITORS**
- **IMAGING OF DNA REPAIR**
- **DNA DAMAGE RESPONSE**
- **RADIATION AND DNA BINDING PROTEINS**
- **NON-TARGETED EFFECTS**
- **THERAPEUTIC EXPLOITATION OF DNA DAMAGE MANAGING SYSTEMS**
- **OTHER**

CALL FOR ABSTRACTS

Conference attendees are encouraged to submit an abstract for oral or poster presentation of their research. The abstracts should be submitted before the 15th March 2012 by the conference web application. Abstracts will be used to select oral presentations and made available to conference participants.

Abstracts must be prepared according to the following guidelines:

1. Abstracts must be written in English.
2. Submit as a MS Word (*.doc) file.
3. Type the abstract title in bold letters. Presenting author should be underlined.
4. Type the text in a 10 point or higher, Arial font justified on both sides. Leave one blank line between paragraphs and do not indent new paragraphs.
5. The total number of words should not exceed 250.
6. Abstracts should not contain figures or graphics.

YOUNG INVESTIGATOR AWARDS

The Workshop will award support for young investigators and scholars wishing to attend the Workshop. The selection of Young Investigator Award recipients shall be based on an evaluation of their abstracts and award application. The Workshop will defray the costs of registration fee.

CALL FOR EXHIBITORS

An exhibition area will be available during the Workshop. Technologies, equipment, technical and management services in all areas pertaining to the themes of the workshop may be presented. Publishing houses are invited to present their new titles. To receive additional information, please contact the conference secretariat.