

INFORMATION ON

Participation

Submission of papers

Registration

Grants

can be obtained from:

www-pub.iaea.org/MTCD/Meetings/Announcements.asp?ConfID=38093

REGISTRATION

There is no registration fee

LANGUAGE

The symposium will be held in English

CONTACT PERSONS

Scientific Matters and Paper Submission

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Participation, Grants and Administrative Matters

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Please include reference number CN-182
in all correspondence

www.iaea.org/meetings



IN COOPERATION WITH

AMERICAN ASSOCIATION OF PHYSICISTS IN
MEDICINE (AAPM)

ASIA-OCEANIA FEDERATION OF ORGANIZATIONS
FOR MEDICAL PHYSICS (AFOMP)

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PROTECTION (ICRP)

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UNITED NATIONS SCIENTIFIC COMMITTEE ON THE
EFFECTS OF ATOMIC RADIATION (UNSCEAR)

WORLD FEDERATION OF NUCLEAR MEDICINE AND
BIOLOGY (WFNMB)



IAEA
International Atomic Energy Agency
Atoms for Peace

INTERNATIONAL SYMPOSIUM
ON STANDARDS, APPLICATIONS
AND QUALITY ASSURANCE
IN MEDICAL RADIATION DOSIMETRY (IDOS)

9-12 November 2010
Vienna, Austria

ORGANIZED BY THE
INTERNATIONAL ATOMIC
ENERGY AGENCY

IAEA-CN-182

OBJECTIVE

The symposium provides a forum where advances in medical radiation dosimetry and applications in medicine during the last decade can be disseminated and scientific knowledge exchanged. The focus is on developments in dosimetry for external beam radiotherapy, brachytherapy, diagnostic radiology and nuclear medicine. It also includes dosimetry aspects of radiation protection related to these areas.

LIST OF TOPICS

- Radiation measurement standards for imaging and therapy
- Reference dosimetry and comparisons in external beam radiotherapy
- Reference dosimetry and comparisons in brachytherapy
- Clinical dosimetry in X ray imaging
- Clinical dosimetry in radiotherapy
- Internal dosimetry for diagnostic and therapeutic nuclear medicine
- External quality audits
- Radiation protection dosimetry
- Dosimetry for proton and heavier charged particle beams in radiotherapy

PAPERS AND POSTERS

Papers are invited from participants on any of the topics being covered by the symposium. In order to provide ample time for discussion, the number of papers that can be accepted for oral presentation is limited. If the number of papers submitted for selection exceeds the limit, some will be selected for poster presentation.

KEY DEADLINES

16 April 2010

— Submission of synopsis: Paper Submission Form B together with Participation Form A through official channels to the IAEA

31 May 2010

— Notification of paper acceptance to authors
— Travel grant: Grant Application Form C together with Participation Form A through official channels to the IAEA

30 September 2010

— Submission of full papers through symposium.dosimetry@iaea.org

AUDIENCE

The symposium is addressed to a broad spectrum of experts in medical radiation dosimetry with responsibilities in external beam radiotherapy, brachytherapy, X ray and nuclear medicine imaging, therapeutic nuclear medicine, proton and heavier charged particle beams therapy, and radiation protection. The symposium provides an opportunity to users in medical institutions, universities and research centres to meet representatives of international bodies governing dosimetry protocols and nomenclature as well as scientists from standards laboratories for discussions covering the entire dosimetry chain in various applications.

$10 \times 10^3 \text{ cm}^2$
GMV $h \times 1 \times 10^3 \text{ cm}^2$
SAD = 10.2 cm

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$\frac{d}{dt} = \frac{d}{dt}$