




The logo features a lowercase 'i' in grey and two uppercase 'M's in blue. The background is light blue with mathematical symbols (θ , μ , α , γ , τ , ϵ , π , ϕ) and a radiation pattern of concentric circles.

iMM

2010

EUROPEAN CONFERENCE ON



The background image shows the Acropolis in Athens, Greece, with the Parthenon and other ancient structures. The image is faded and serves as a background for the title text.

**Individual
Monitoring
of Ionizing
Radiation**

March 8-12, 2010
ATHENSGREECE

SECOND
ANNOUNCEMENT
CALL FOR ABSTRACTS

Organized by



the Greek Atomic Energy Commission

under the auspices of



the European Commission

in co-operation with



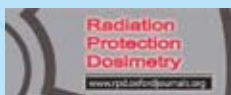
IAEA
International Atomic Energy Agency

the International Atomic
Energy Agency



the European Radiation
Dosimetry Group

Conference communication sponsor



Radiation Protection Dosimetry Journal

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Invitation

The Greek Atomic Energy Commission (GAEC) and the European Radiation Dosimetry Group (EURADOS) invite you to participate in the European Conference of Individual Monitoring of Ionizing Radiation (IM 2010) which will be held in Athens, Greece from 8 to 12 March 2010.

IM 2010 is the fourth of a series of conferences dealing with individual monitoring. It will be focused on the relevant regulatory aspects, the technical developments achieved and the present trends in the field of individual monitoring.

Objectives

The Individual Monitoring of Ionizing Radiation Conference aims to bring together scientists from regulatory authorities, individual monitoring services, research bodies, European networks and companies, for the purpose of facilitating the dissemination of knowledge, exchanging experiences and promoting new ideas in the field of individual monitoring. Therefore, it presents a unique opportunity to keep up to date with the scientific and technological knowledge gained at European level by experts on individual monitoring.

The main goal of the conference is to assist progress towards the harmonization of practices in individual monitoring across Europe, with the aim of the mutual recognition of the results of dose assessments.

Among the main thematic topics there will be the recommendations of the EU-Trimer project, as well as the results of the intercomparison exercises.

The programme consists of oral and poster sessions of contributed papers. Invited lectures will be given by eminent speakers.

Individual Monitoring Services are invited to present their activities in posters.

Organization

The Conference is organized by the Greek Atomic Energy Commission (GAEC) under the auspices of the European Commission, in co-operation with the International Atomic Energy Agency (IAEA) and the European Radiation Dosimetry Group (EURADOS).

Scientific Programme Committee

Joao Alves	ITN
Peter Ambrosi	PTB
David Bartlett	formerly HPA
Jean-Francois Bottollier-Depois	IRSN
Carlo-Maria Castellani	ENEA
Lorraine Currivan	RPII
Renate Czarwinski	IAEA
Janwillem van Dijk	formerly NRG
Elena Fantuzzi	ENEA
Markus Figel	Helmholtz Zentrum
Tom Grimbergen	NRG
Vasiliki Kamenopoulou	GAEC
Maria Antonia Lopez	CIEMAT
Andrew McWhan	VTPLC
Stefan Mundigl	EC - DGTREN
Ana Maria Romero	CIEMAT
Hannes Stadtmann	ARCS
Filip Vanhavere	SCK-CEN

Organizing Committee in GAEC

Eleftheria Carinou
Panagiotis Dimitriou
Costas Hourdakis
Vasiliki Kamenopoulou
Vasiliki Tafili

Conference topics

- 1. New developments in international recommendations and requirements**
 - Implications of the revision of the Euratom and IAEA Basic Safety Standards
 - ICRP and ICRU international standards
 - Technical recommendations for monitoring individuals occupationally exposed to external radiation
 - Harmonization of individual monitoring within Europe
- 2. Practical implementation of standards and regulations – Quality assurance programme**
 - Approval/Accreditation
 - Dose record keeping
 - Quality assurance, quality control and type testing
 - Uncertainties in dose assessment
- 3. Developments in external dosimetry systems**
 - Active personal dosimeters
 - Neutron dosimeters
 - Passive dosimeters
- 4. Developments in internal dosimetry systems**
 - Direct techniques (in vivo)
 - Indirect techniques (in vitro, PAS, SAS)
 - Computational codes and voxel phantoms
- 5. Intercomparison exercises**
 - External dosimetry
 - Internal dosimetry
- 6. Individual monitoring in medical applications**
 - Extremity dosimetry
 - Double dosimetry practices
 - Application of computational methods in medical monitoring

7. Workplace monitoring

- Workplace characterization
- Radon exposure
- Cosmic radiation
- NORM

8. Dosimetry in emergency situation

- Dose reconstruction in case of an accident
- High dose assessment (n , γ)
- Retrospective dose assessment: biological dosimetry, physical dosimetry (ESR, OSL ...), internal dosimetry

9. Education and training

Registration and fee

Early registration fee is 590 €. After January 31st the fee will be 700 €. The registration fee covers entry to all scientific conference sessions, access to exhibition & poster area, book of abstracts, proceedings, programme, conference material, welcome cocktail, daily coffee breaks and light lunches, New Acropolis Museum visit and conference dinner.

The fee for accompanying persons is 137 € and covers access to exhibition & poster area, welcome cocktail, New Acropolis Museum visit and conference dinner.

Registration is available via conference website

<http://www.gaec.gr/im2010>.

Abstracts submission

For abstracts submission authors should use the model template prepared by the Scientific Programme Committee. The submission is available online via the conference website. Accepted abstracts will be included in the Book of Abstracts.

Proceedings

Proceedings of oral and poster presentations will be published as a special issue of the journal Radiation Protection Dosimetry. The papers submitted will be reviewed according to Radiation Protection Dosimetry practice.

Conference language

The working language of the conference will be English.

Special invitation to Individual Monitoring Services

IM 2010 organizers invite Individual Monitoring Services to present their activities in posters. Abstract submission is not required. Special poster template has to be used. Further information is available at IM2010 website.

IM 2010 Best Poster Award

Through this award IM 2010 organizers intend to encourage participants to present posters of high scientific quality in terms of clarity, content organization and impact. The posters presented will be reviewed by a poster committee.

IM2010 Best Poster Award winner will be given a Certificate and one year free subscription to Radiation Protection Dosimetry journal.

Key dates and deadlines

Deadline for submission of abstracts

14 September 2009

Notification of acceptance

16 November 2009

Deadline for early registration

31 January 2010

Conference

8–12 March 2010

Technical Exhibition

During the conference a technical exhibition will be organized. Sponsorship opportunities are encouraged. An exhibition and sponsorship manual is available for those companies interested in participating.

Social programme

The following events have been arranged for conference participants and accompanying persons:

- Welcome cocktail at conference venue on Monday afternoon, 8 March 2010
- Guided tour in the New Acropolis Museum on Wednesday afternoon, 10 March 2010
- Conference dinner on Thursday evening, 11 March 2010.

Accommodation

A list of suggested hotels is available at conference website. Hotel booking is offered as option in the registration form, under the responsibility of conference organizer Zita Congress S.A.

Accompanying persons

A special programme of activities (culture events, tours) will be available for accompanying persons.

Conference Venue

Megaron Athens
International Conference
Centre
Vass. Sofias Ave.
& Kokkali 1
115 21 Athens, Greece
<http://www.megaron.gr>

For further information:

Conference organizer



Greek Atomic Energy Commission

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Conference Secretariat



Zita Congress S.A.

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**Conference
website**

All documents and
information about the
conference are available at
<http://www.gaec.gr/im2010>.