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Venue

Escola Tècnica Superior d'Enginyeria Industrial de Barcelona (ETSEIB)
Institut de Tècniques Energètiques (INTE)
Universitat Politècnica de Catalunya (UPC)
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Important dates*

Abstract submission: 3rd September 2010
Notification to authors: 30st September 2010
Early registration: 1st April - 30th October 2010
Workshop: 20th - 22nd January 2011
Full paper submission: 28th February 2011

Web site

www.upc.edu/inte/oramed

** Due to the format of the workshop and of the availability of the venue the number of accepted papers and of participants will have to be limited.*

ORAMED partners:



ORAMED 2011

International Workshop on Optimization of Radiation Protection of Medical Staff

First announcement
Barcelona, 20-22 January 2011



Organised by
Universitat Politècnica de Catalunya

Under the auspices of the
European Commission

In co-operation with



Welcome to ORAMED 2011

We are very pleased to invite you to the **International Workshop on Optimization of Radiation Protection of Medical Staff, ORAMED 2011**, which will be hosted at the School of Engineering of the Universitat Politècnica de Catalunya (UPC) in Barcelona.

The **ORAMED 2011** Workshop will offer an ideal opportunity for the exchange of ideas among professionals from different countries and with different expertise, with a common goal of improving the radiation protection of medical staff.

Together with the **ORAMED** consortium partners, the programme Committee counts on the collaboration of the IAEA, the EC DG-RCD, EURADOS and the Spanish Nuclear Safety Council aiming to the dissemination of the most recent findings in this field.

The **ORAMED 2011** Workshop is not only an excellent opportunity to widen your knowledge and share your experience in the field of radiation protection of medical staff with other colleagues, but also an opportunity to spend some time in one of the most thriving places in Southern Europe: Barcelona, a unique Mediterranean city.

We are looking forward to welcoming you to Barcelona and to receiving your scientific contributions that will make the **ORAMED 2011** Workshop a success.



Workshop organization

The workshop will focus mainly on the dissemination of **ORAMED** project results, together with the participation of invited speakers from professional societies and international bodies involved in the field of radiation protection. Invited talks will be combined with round-tables to allow fruitful discussions about the proposed new recommendations for better assessing and reducing exposures to medical staff.

The **ORAMED 2011** Programme Committee is also calling for contributions in the selected topics from participants outside the **ORAMED** project, which will be presented either as oral communications or posters.

Training and oral presentations will be organized in afternoon parallel sessions, for nuclear medicine and interventional radiology and cardiology, respectively, in order to facilitate active participation of attendees.

The scope of the workshop is:

- to present new methodologies for improving dose assessment in interventional radiology and nuclear medicine,
- to present prototypes of eye lens dosimeters developed within the **ORAMED** project to be used in interventional radiology and cardiology,
- to introduce training material in order to facilitate the understanding of the proposed recommendations, and
- to highlight the best practices for reducing occupational doses.

The conference is aimed at all research groups and health departments that have collaborated with **ORAMED** measuring campaigns and with the development of the project.

In addition, the workshop addresses other medical personnel in the fields of interventional radiology, interventional cardiology and nuclear medicine, as well as radiation protection officers, medical physicists and regulators interested in improving the radiation protection of medical staff.

The ORAMED project

The use of ionizing radiation in modern health systems is increasing. Interventional radiology and cardiology together with nuclear medicine have been identified as radiation medical applications where staff is potentially exposed to high doses.

Within this framework, in February 2008, a collaborative project funded by the European Atomic Energy Community's Seventh Framework Program was launched to enhance the safety and efficacy of the uses of radiation in diagnostics and therapy, by developing methodologies for better assessing and reducing exposures to medical staff in these fields.

Five main topics related to radiation protection of medical staff are addressed:

- Optimization of radiation protection in interventional radiology
- Development of practical eye lens dosimetry in interventional radiology
- Optimization of the use of active personal dosimeters in interventional radiology
- Optimization of radiation protection in nuclear medicine
- Training on radiation protection

