

The Institute of Energy Technologies at the Universitat Politècnica de Catalunya (UPC) has organized from the 20 to 22 January 2011, the International Workshop on Optimization of Radiation Protection of Medical Staff, ORAMED 2011, in the School of Industrial Engineering of Barcelona (Spain).

The seminar mainly focused on disseminating the results of the European Atomic Energy Community's Seventh Framework Programme project, "Optimization of Radiation Protection of Medical Staff", ORAMED.

The Workshop proposed new methodologies to improve the working conditions of medical personnel working with ionizing radiation, particularly in the field of interventional radiology, interventional cardiology and nuclear medicine. Training sessions, which incorporated practical information derived from the results of the EC project, as well as new training technologies, such as the use of interactive systems, were organized in parallel sessions.

The workshop, chaired by Dr. Mercè Ginjaume, was organized by the UPC with the collaboration of the ten other ORAMED partners. Together with the ORAMED consortium partners, the programme Committee, chaired by the ORAMED coordinator, Dr. Filip Vanhave from Belgian Nuclear Research Centre (SCK-CEN), counted on the collaboration of the Directorate General of R & D of the European Commission, the International Atomic Energy Agency (IAEA), the European Radiation Dosimetry Laboratory Consortium (EURADOS), the Spanish Nuclear Safety Council (CSN), the Spanish Radiation Protection Society (SEPR) and the School of Industrial Engineering of Barcelona (ETSEIB).

The proposed topics have attracted considerable interest internationally. There have been 155 participants from 31 countries, 18 from Europe, the United States, Canada, Japan, Costa Rica and Sudan. 70 papers were submitted of which 20 in the form of posters and 25 as invited papers.

ORAMED 2011 Summary of participant's statistical features

The total number of participants was 155, from which 149 came from European countries, 4 came from America, 1 from Africa and 1 from Asia. See the detailed information in the following table:

	Nº Assistants
European Countries	149
Member countries of EU	138
Non EU countries	11
North America	3
USA	2
Canada	1
Central America	1
Costa Rica	1
Africa	1
Sudan	1
Asia	1
Japan	1
Total	155

Interest of participants

When registering, participants were asked to indicate their main fields of interest within the 4 topics of the workshop: T1 Nuclear medicine, T2 Interventional radiology cardiology, T3 New Developments and T4 Training.

Next table shows the percentage of participants that selected each TOPIC, 30 % of the participants were interested in the 4 topics.

TOPICS	Number of participants	% Participants
T1	101	65,2
T2	116	74,8
T3	104	67,1
T4	89	57,4

Oral presentation slides are available at the workshop website. <http://www.upc.edu/inte/oramed>