

Second announcement



EPRBioDose 2010 international conference



Mandelieu-La Napoule (France)
10-14 October 2010

Partners



www.iss.infn.it/eprbiodose

Scientific aspects of the Conference

EPRBioDose is actually two conferences in one: the International Symposia on EPR Dosimetry and Dating (EPR) and the International Conference on Biological Dosimetry (BioDose). EPR has been held around the world every 3 to 5 years since 1985. Three of the conferences were jointly held with BioDose. After 12 years EPRBioDose is back in Europe jointly organized by Italy (Istituto Superiore di Sanità) and France (Institut de Radioprotection et Sûreté Nucléaire).

The 2010 conference will then feature general reviews and new developments on EPR dating, and EPR and biological dosimetry. Topics will include application of EPR and biological dosimeters/indicators in different exposure situations, ranging from radiation therapy, to industrial applications as well as post-accident and malicious act scenarios. In particular, as the multidisciplinary approach to emergency and retrospective dosimetry employs a wide spectrum of techniques (biological and EPR, but also luminescence and nuclear activation), scientists are invited to submit their data on thermoluminescence, optically stimulated luminescence and nuclear activation methods so that a complete overview of the current state of knowledge will be given during this conference.

An effort will be made to keep a balance between basic research, applied research and expertise.

Such a specific conference for the sharing of technological advances and a better understanding of the biophysical/biological processes in the field of ionizing radiations will be of value only if it is organized on a regular basis. It is indeed a privileged event during which young scientists can present their work and interact with other colleagues and experts in their field. To promote the collaboration of scientists working in the field of dosimetry and sustain cooperation over time, the statutes of an association so called ABEIRD will be discussed during a general assembly which takes place during the conference.

The 1st Coordination and Planning Meeting of the WHO BioDoseNet had taken place during the last BioDose Conference in September 2008 (Hanover, US). A new meeting will be organized in cooperation with WHO on Sunday 10 October, one day before the EPRBioDose Conference. Please consider that this meeting is by invitation only. If you are interested by this meeting, you must contact Zhanat Carr at carrz@who.int.

The ISO working group "biological dosimetry" has scheduled a meeting after the conference, on Thursday 14 October afternoon and Friday 15 October morning. Please note that this meeting is also by invitation only.

Topics

Biological and biophysical indicators of exposure
Retrospective dosimetry
Dosimetry in accidental situations and emergency response
Dosimetry in radiation therapy
Dosimetry in radiation processing
Instrumentation improvements
Fundamental mechanisms of radiation effects
New dosimetric materials
Dating

Keywords for abstracts selection

TOPICS

1. Biodosimetry
2. Retrospective dosimetry
3. Biophysical indicators of exposure
4. Biological indicators of exposure
5. Emergency and network response
6. Post accident dosimetry
7. Dosimetry in diagnostics
8. Dosimetry in radiation therapy
9. Dosimetry in radiation processing
10. New dosimetric materials
11. Micro- and nanodosimetry
12. Dating
13. Mixed fields
14. Instrumentation improvements
15. Basic processes

METHODS

1. EPR/alanine
2. EPR/tooth enamel and bone
3. EPR/fingernails
4. EPR/other materials
5. Cytogenetics (Dic, PCC, FISH, Mni)
6. Haematology
7. Immuno/Biochemistry (SA, CRP, H2AX)
8. Genetics (Gene expression, somatic mutations)
9. Image/signal processing
10. New / Emerging techniques
11. Others

Scientific Committee

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Harold Swartz	DMS, USA
Albrecht Wieser	Helmholtz-Zentrum Muenchen, Germany
Ruth Wilkins	HC, Canada
Andrzej Wojcik	SU, Sweden

Program

The program and schedule of sessions are not yet available since the call for abstract is still open. It will be available on the conference website as soon as possible.

Below is a tentative schedule including the WHO BioDos Net Meeting and the ISO WG18 Meeting associated with the conference.

Time	Sunday 10.10.2010	Monday 11.10.2010	Tuesday 12.10.2010	Wednesday 13.10.2010	Thursday 14.10.2010	Friday 15.10.2010	
08:30-09:00		Registration					
09:00-09:30		Opening					
09:30-10:00		Session 1	Session 5	Session 9	Session 12	ISO WG18 Meeting	
10:00-10:30						ISO WG18/EPR Meeting	
10:30-11:00	WHO BioDoseNet Meeting*	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	
11:00-11:30		Session 2	Session 6/A	Session 6/B	Session 10/A	Session 10/B	Session 13
11:30-12:00							ISO WG18 Meeting
12:00-12:30							ISO WG18/EPR Meeting
12:30-13:00	Lunch	Lunch	Lunch	Lunch	Conference closing		
13:00-13:30	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	
13:30-14:00							
14:00-14:30	WHO BioDoseNet Meeting*	Session 3	Session 7/A	Session 7/B	Session 11/A	Session 11/B	ISO WG18 Meeting **
14:30-15:00							ISO WG18/EPR Meeting
15:00-15:30		Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	
15:30-16:00		Session 4	Session 8	Conference trip	ISO WG18 Meeting	ISO WG18/EPR Meeting	
16:00-16:30							
16:30-17:00							
17:00-17:30	Registration		ABEIRD General Assembly				
17:30-18:00							
18:00-18:30	Welcome reception						
18:30-19:00							
19.30				Gala dinner			

* In cooperation with WHO. By invitation only: If interested contact Zhanat Carr at carrz@who.int

** Only for ISO members

Registration

Registration will be possible online on the conference website.

In case of problems please contact EPRBioDose@iss.it

The costs of conference fee and accommodation are indicated in the table. We have obtained special prices for accommodation in the village bungalows and for registration fee for people who will lodge at the village.

VAT is included in the prices	Accommodation	Conference fee		Total before 10 August or students	Total after 10 August
		Reduced before 10 August or students	Full after 10 August		
Conference fee + single room (includes accommodation in single room, registration, social events)	440	450	600	890	1040
Conference fee + shared room (includes accommodation in room shared with another participant, registration, social events)	320	450	600	770	920
No accommodation (includes registration and social events)		550	700	550	700
Accompanying person (includes all meals, social events, and transportation from/to the airport)	300			300	300
ISO WG18 meeting (includes accommodation in single room for the night of October 14, breakfast and lunch on October 15)	110			110	110

Registration includes:

Entry to all conference sessions
Book of Abstracts
Proceedings
Program
Coffee breaks
Lunches
Transportation from/to the airport

Social events include:

Welcome Cocktail
Conference trip
Conference dinner

Accommodation includes:

Breakfast
Dinner

Important dates

10 April 2010	Deadline for abstracts submission
10 April 2010	Deadline for application for students grant
10 June 2010	Notification of acceptance
10 August 2010	Deadline for reduced fee
9 October 2010	Deadline for registration
10-14 October 2010	EPRBioDose 2010 Conference
10 October 2010	WHO BioDoseNet meeting
14-15 October 2010	ISO WG18 meeting
10 October 2010	Manuscript submission *

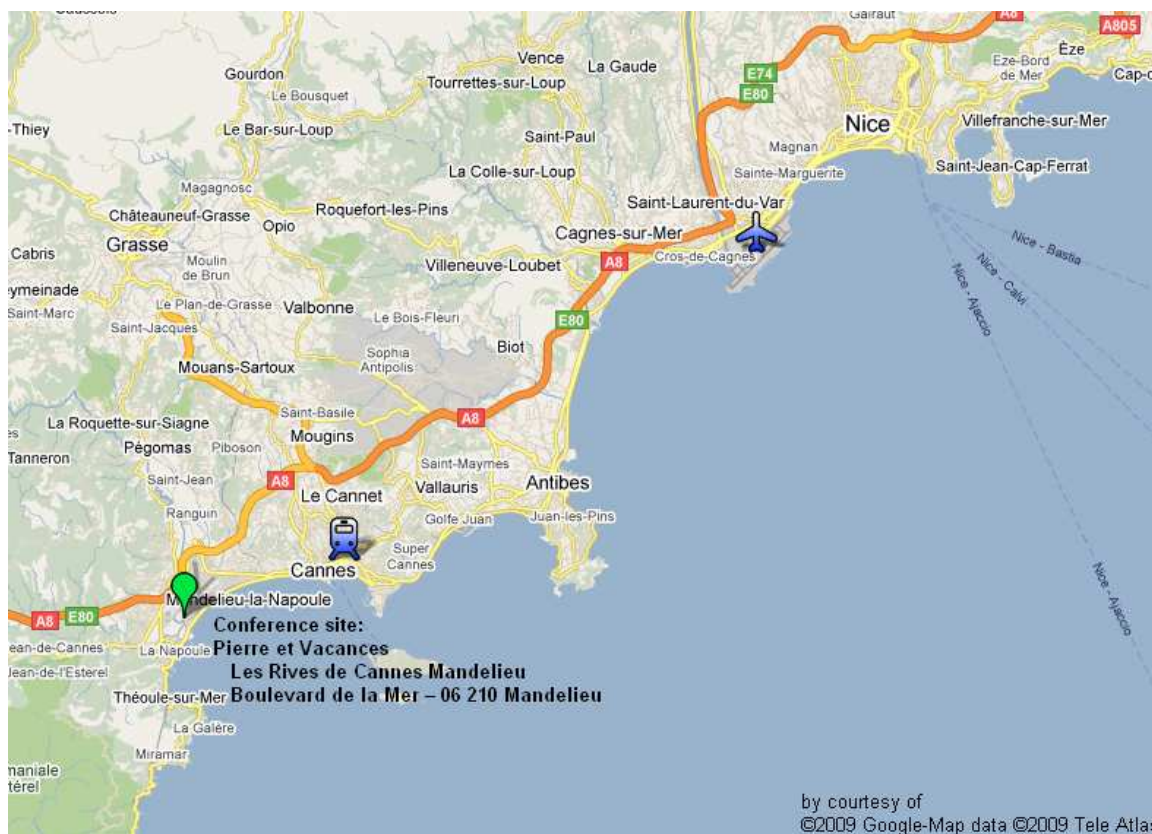
* At least one author must be registered for the manuscript to be accepted for publication in proceedings

Conference venue

EPRBioDose Conference 2010 will take place at the Pierre & Vacances Résidence Les Rives De Cannes Mandelieu, Mandelieu, France. The residence is located on an island in a bend of the Siagne river, 800 metres from the sea. Mandelieu is a seaside resort with the largest marina in the Alpes Maritimes.

Nice Côte d'Azur International Airport is at about 35 km away from the Residence Les Rives De Cannes Mandelieu. From the airport the Residence can be reached by bus in about 30 min.

TGV serves Cannes station (Gare de Cannes), 7 km from Mandelieu-La Napoule.
Bus transportation will be organized at the beginning and at the end of the conference.
Mandelieu can also be reached by either taxi or public transportation.
Further information will be included on the conference website.



Conference Proceedings

The conference proceedings will be published in an International peer-reviewed journal. All manuscripts will be refereed and will meet the journal acceptance criteria. Instructions for manuscripts will be available on the conference website. The scientific council will review the proceedings.

Conference Format

The conference will include oral and poster presentations. Experts in selected topics of interest will give invited lectures. Technical exhibitors will be present.

Website

Information about the conference will be available on line on the conference website
<http://www.iss.infn.it/eprbiiodose>

Organizing Committee

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