

## Radiation and Work

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**Chairman:** Maila Hietanen From year: 2006  
Email address: [maila.hietanen@ttl.fi](mailto:maila.hietanen@ttl.fi)

**Secretary:** Fabriziomaria Gobba From year: 2006  
Email address: [f.gobba@unimore.it](mailto:f.gobba@unimore.it)

**SC Website URL:** [www.occmed.co.nz/icoh/](http://www.occmed.co.nz/icoh/)

### **Other SC Means of Communications:**

#### **Focus and aim of Scientific Committee:**

Focus and aim to increase knowledge of occupational health personnel involved in electromagnetic fields and other radiation protection problems arising at work places globally

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### **PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops** **Midterm Report: June 2006-September 30, 2007**

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#### **1) Business meeting:**

Venue: **ITALY, Milan, WHO/ICNRP/EMF-NET Joint Workshop**

Date: **February 15<sup>th</sup> 2007**

Number of attendees: **4**

Date report sent to VP Fingerhut (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/scvo/>): 3 . 4. 2007

#### **2) Business meeting:**

Venue: FRANCE, Bordeaux, 8<sup>th</sup> International Congress of European BioElectromagnetics Association (EBEA)

Date: April 12<sup>th</sup>, 2007

Number of attendees: 3

Date report sent to VP Fingerhut (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/scvo/>):

#### **3) Business meeting:**

Venue: JAPAN, Kanazawa, 29<sup>th</sup> Meeting of the Bioelectromagnetics Society (BEMS)

Date: June 14<sup>th</sup>, 2007

Number of attendees: 3

Date report sent to VP Fingerhut (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/scvo/>)

**Conferences, Seminars, Workshops, Courses, etc:**

<b>(1) Name of the event:</b>	<b>Current Trends in Health and Safety Risk Assessment of Work -Related Exposure to EMFs</b>			
<b>Type of event:</b>	<b>Conference</b>	<b>Seminar</b>	<b>Workshop</b>	<b>Course</b>
			x	
<b>Date:</b>	14-16.2.2007			
<b>Venue:</b>	Milan, Italy			
<b>Organizers:</b>	ICOH SC Radiation and Work International Commission on Non-Ionizing Radiation Protection (ICNIRP)			
<b>Co-organizers and Collaborators: Please describe roles.</b>	WHO European Coordination Action "EMF-NET"			
<b>Number of participants :</b>	200			
<b>Publication of proceedings:</b>	<a href="http://www.icnirp.org/JointWorkshopEMF.htm">http://www.icnirp.org/JointWorkshopEMF.htm</a>			
<b>Book of abstracts:</b>				
<b>Book of selected proceedings:</b>				
<b>Special issue of peer reviewed journals:</b>				
<b>Assessment of success:</b>	Very successful			

<b>(2) Name of the event:</b>	<b>Teaching Course: Methodology and Instrumentation for implementation of the EU Directive on EMF for Workers</b>			
<b>Type of event:</b>	<b>Conference</b>	<b>Seminar</b>	<b>Workshop</b>	<b>Course</b>
				x
<b>Date:</b>	April 10 <sup>th</sup> , 2007			

<b>Venue:</b>	Bordeaux
<b>Organizers:</b>	ICOH SC Radiation and Work International Commission on Non-Ionizing Radiation Protection (ICNIRP) European BioElectromagnetics Association (EBEA)
<b>Co-organizers and Collaborators: Please describe roles.</b>	European Coordination Action "EMF-NET"
<b>Number of participants:</b>	50
<b>Publication of proceedings:</b>	All relevant materials (as slides, etc.) were given to participants during the Course
<b>Book of abstracts:</b>	
<b>Book of selected proceedings:</b>	
<b>Special issue of peer reviewed journals:</b>	
<b>Assessment of success:</b>	Successful

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**PART II Midterm Report: SC Products and Collaborations June 2006 – September 30, 2007**

**Publications, Guidelines\*, Position Papers\*, etc**

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**Cooperation with other Scientific Committees:**

Contacts are in progress with other ICOH SCs (up now with NEUROEOH) to develop collaborative activities. The form of collaboration discussed up now is scientific, and includes presentations from members of the Sc. Committee on Radiation and Work and/or special sessions, on themes considered of relevance during future NEUROEOH meetings.

**Participation and support to WHO – ILO meetings and or publications:**

*Vecchia P, Hietanen M, et al. : Protecting Workers from UV Radiation. Munich: International Commission on Non-Ionizing Radiation Protection, International Labour Organization, World Health Organization; 2007.*

**Cooperation with non-ICOH organizations:**

The SC Radiation and Work is currently collaborating with ICNIRP, WHO, FIOH and EMF NET.

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**PART III Midterm Report: SC PLANS for second half of Triennium and for ICOH 2009: October 1, 2007 – March 30, 2009**

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**Planned business meetings, conferences, seminars:**

A **business meeting** of the Scientific Committee is programmed in Hamburg, before of the ICOH mid-term meeting (March 14<sup>th</sup>, 2008)

The Scientific Committee has decided to organize an International **Workshop on "Health risk management of occupational exposure to electromagnetic fields (EMF)"**

Objective of the Course:

The Workshop is intended to give to participants the basis for an effective medical prevention and management of EMFs related occupational risk, including criteria for an effective medical surveillance of exposed workers and protection of sensitive workers, and a balanced information to workers.

Main target group:

O.H. practitioners (M.D.), but also other involved in the prevention and protection of occupational risk related to EMFs exposure.

Course duration:

2 days

Program of the Workshop:

- EU Directive (and other relevant)
- Exposure evaluation;
- Biological effects of EMF
- Health Surveillance
- Effective worker information and training

Estimated number of participants: about 100

Location: Italy

**Planned collaborative Activities with other ICOH Scientific Committees:**

Contacts with other ICOH SCs (EPICOH, Reproductive Hazards in the Workplace and OH for Health Care Workers) to develop further collaborative activities are in progress or programmed.

### **Planned collaborative Activities with other (Non-ICOH) Organizations**

The SC Radiation and Work is currently collaborating with ICNIRP, WHO, FIOH and EMF NET.

### **Planned Publications, Position papers, etc.:**

Joint ICOH/ICNIRP/ILO/WHO Publication to be published in 2008:  
"Practical guide on protection against health risks of occupational exposure to UV radiation".

### **Planned Scientific Contributions to ICOH 2009:**

Minisymposium:

**Emerging EMF technologies and health risk management**

Oral Paper Session:

**Radiation Risks at Work: Electromagnetic Fields and Solar Radiation**

Oral Paper Session on **Ionizing radiation** requested by Prof Barney de Villiers.

**Business Meeting** and **General Meeting** of members of Scientific Committee will be also organized.

**List of abstract reviewers** (further reviewers to be added):

Maila Hietanan; Fabriziomaria Gobba, David Black, David Sliney

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## **PART IV – Assessment of Success of SC and Impact on Global Occupational Health**

The activities organized, or co-organized, by the SC (Workshop, Teaching Course) were successful, as shown by the elevated number and by the good satisfaction of participants. Preliminary contacts with other SC resulted in an agreement on the opportunity to include communications/MiniSymp organized by the SC on Radiation and Work during future meetings

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**Midterm Report:**

Further activities, as the programmed Workshop on “Health risk management of occupational exposure to electromagnetic fields (EMF) Medical” and the joint scientific activities with other SC COH are likely to give a relevant update in this field of the OHS, certainly not adequately developed to date.