

THE INTERNATIONAL PARTNERS OF ICNIRP



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What This Talk is About

- Bodies ICNIRP maintains Official Relations With
- Bodies ICNIRP Maintains Links With
- Examples of Scientific Activities and Publications

Bodies ICNIRP maintains Official Relations with

- IRPA *(chartered ICNIRP as an independent commission in 1992)
- WHO
- ILO
- European Commission

*ICNIRP enters into consultation with IRPA national radiation protection societies.



International Radiation Protection Association (IRPA)¹

- Umbrella organization of national societies for radiation protection
- Provides for and supports international meetings for the discussion of radiation protection
- Encourages research and educational opportunities in those scientific and related disciplines which support radiation protection



The World Health Organization²

- “The coordinating authority of the United Nations for health”
- “Responsible for setting standards, health research agenda, articulating policy options and providing technical support to member countries”
- ICNIRP’s collaboration is principally through support for its International EMF/INTERSUN Projects.



International Labor Organization (ILO)³

- The international non-governmental organization responsible for setting standards in workplaces
- ICNIRP is listed in the “ILO Special List of Non-Governmental International Organizations”



The European Commission (EC)⁴

Serves as executive body for the European Union

Four main roles:

- to propose legislation to Parliament and the Council
- to administer and implement Community policies
- to enforce Community law (jointly with the Court of Justice)
- to negotiate international agreements, mainly those relating to trade and cooperation

EC Mandate M/305 (Item 3)

- Item 3. DESCRIPTION OF MANDATE

“In all matters relating to the health aspects and biological effects of electromagnetic fields, the standard bodies should seek the advice of ICNIRP and relevant services of the European Commission.”

Bodies ICNIRP maintains links with:

- International Electrotechnical Commission (IEC)
- International Commission on Illumination (CIE)
- International Standards Organization (ISO)
- Institute for Electrical and Electronics Engineers (IEEE)
- International Commission on Occupational Health (ICOH)
- US National Council for Radiation Protection and Measurement (NCRP)
- American Conference of Governmental and Industrial Hygienists (ACGIH)
- European Society of Skin Cancer Prevention (Euroskin)



International Electrotechnical Commission⁵

- Non-governmental organization
- Provides and publishes standards for electrotechnical devices to users, designers, manufacturers and suppliers



International Commission on Illumination (CIE)⁶

- An independent non-profit organization
- “Develops basic standards and procedures of metrology in the fields of light and lighting.”
- “Provides guidance in the application of principles and procedures in the development of international and national standards in the fields of light and lighting.”
- “Prepares and publishes standards, reports and other publications concerned with all matters relating to science, technology and art in the fields of light and lighting.”



International
Organization for
Standardization

International Standards Organization⁷

- A non-governmental organization that is the world's largest developer and publisher of International Standards for various products and services.
- A network of the national standards institutes of 157 countries, one member per country, with a Central Secretariat in Geneva, Switzerland, that coordinates the system.



Institute for Electrical and Electronics Engineers⁸

- International professional organization of workers in the electrical and electronics fields
- Sets standards in the manufacture, design and use of electrical and electronics devices



International Commission on Occupational Health⁹

- “...international non-governmental professional society whose aims are to foster the scientific progress, knowledge and development of occupational health and safety in all its aspects.”



The U. S. National Council for Radiation Protection and Measurement ¹⁰

National body chartered by U. S. Congress to :

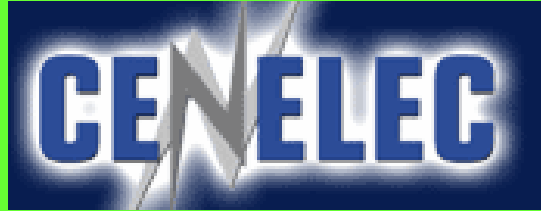
- “collect, analyze, develop and disseminate in the public interest information and recommendations about protection against radiation and radiation measurements, quantities and units”,
- “develop basic concepts about radiation quantities, units and measurements, about the application of these concepts, and about radiation protection”;

---from the NCRP Charter



American Conference of Governmental and Industrial Hygienists¹¹

- *"ACGIH is a member-based organization that advances occupational and environmental health."*
- 11 ACGIH committees focus their energies on a range of topics: agricultural safety and health, air sampling instruments, bioaerosols, biological exposure indices, computer, industrial ventilation, infectious agents, international, small business, chemical substance Threshold Limit Values (TLVs), and physical agent TLVs®.



European Committee for Electrotechnical Standardization (CENELEC)¹²

- created in 1973 as a result of the merger of two previous European organizations: CENELCOM and CENEL.
- a non-profit technical organization set up under Belgian law and composed of the National Electrotechnical Committees of 30 European countries. In addition, 8 National Committees from neighbouring countries are participating in CENELEC work with an Affiliate status.

EC Mandate M/305 (Item 4.6)

- Item 4.6 INTERNATIONAL COOPERATION

“It goes without saying that CEN, CENELEC and ETSI must cooperate with ICNIRP to ensure that the standards on measurement and testing are properly aligned with the Council Recommendation 1999/519/EC and avoid any duplication of work.”



European Cooperation in the Field of
Scientific and Technical Research (E-
COST)¹³

- Oldest European networking system in research, established in 1971
- An intergovernmental European framework for international co-operation between nationally funded research activities
- Consists of 34 Member Countries and one cooperating state
- Brings together research teams in different countries working on specific topics, supporting networking, conferences, short-term scientific exchanges and publications.

Examples of Scientific Activities and Publications

- Workshops
- Conference
- Seminars

ICNIRP International Seminar on Risk Perception, Risk Communication and its Application on EMF Exposure

- Vienna, October 22-23, 1997
- Support from IRPA, WHO, United Nations Environment Programme, ILO, EC, and the Governments of Germany, Austria and Japan
- Proceedings published as an **ICNIRP** Blue Book 5/98

International Workshop on Ultraviolet Radiation, Measurement and Protection

- Oxford, England, October 18-20 1999
- Organized and hosted by the National Radiological Protection Board, UK
- Sponsored by WHO, **ICNIRP**, Governments of Germany and the United Kingdom
- Published as a Special Issue of *Radiation Protection Dosimetry*, **91(1-3)** 2000

International Workshop on Weak Electric Field Effects in the Body

- Chilton, UK, March 24-25 2003
- Organized and sponsored by WHO, ICNIRP, National Radiation Protection Board and Department of Health both of the UK
- Published as a Special Issue of *Radiation Protection Dosimetry*, **106(4)** 2003

International Workshop on Base Stations and Wireless Networks: Exposures and Health Consequences

- Geneva, Switzerland, June 15-16, 2005
- Organized by WHO, jointly sponsored with E-COST, **ICNIRP**, EC
- Proceedings published by WHO Press

Environmental Health Criteria

232: Static Fields

- Published under the joint sponsorship of the ILO, **ICNIRP**, and WHO
- Printed in 2006 by WHO Press

References

1. http://www.irpa.net/index.php?option=com_content&task=blogcategory&id=94&Itemid=60
2. www.who.int
3. http://www.ilo.org/wcmsp5/groups/public/---dgreports/---dcomm/---webdev/documents/publication/wcms_082364.pdf
4. http://ec.europa.eu/about_en.htm
5. <http://www.iec.ch/helpline/sitetree/about/>
6. http://www.cie.co.at/index_ie.html
7. <http://www.iso.org/iso/about.htm>
8. <http://www.ieee.org/web/aboutus/home/index.html>
9. <http://www.icohweb.org/about.asp>
10. http://www.ncrponline.org/AboutNCRP/About_NCRP.html
11. <http://www.acgih.org/about/history.htm>
12. <http://www.cenelec.eu/Cenelec/About+CENELEC/default.htm>
13. <http://www.cost.esf.org/>

THANK YOU FOR YOUR TIME
AND ATTENTION.
OBRIGADA POR SEU TEMPO
E ATENÇÃO.