

**Former Members** 

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What is ICNIRP ?	
Aim & Roots	
Main Commission	Anders Ahlbom is a Professor of Epidemiology, Head of the Division of
Standing Committees	Epidemiology and deputy director of the Institute of Environmental Medicine at the Karolinska Institute, Stockholm, Sweden. Main research interests are
Consulting Experts	environmental epidemiology with an emphasis on cancer, in particular non- ionizing radiation and cancer. He has a longstanding interest in cardiovascular diseases and their relation to the interaction of environmental factors and
Secretariat	biomedical risk factors. His work spans epidemiologic theory and methods,

edical risk factors. His work spans epidemiologic theory and methods, including the basis for causal inference. Dr. Ahlbom is chairman of the ICNIRP Standing Committee on Epidemiology and has been an ICNIRP member since 1995.

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Eckhard Breitbart is the head of the Centre of Dermatology, Buxtehude, Germany, and is working since many years in the fields of clinical and experimental skin cancer research. He is a member of the Standing Committee on Non-Ionizing Radiation of the German National Radiation Protection Board and of various national and international scientific and medical societies. He is the former President of the European Society of Skin Cancer Prevention EUROSKIN whose aim is to reduce skin cancer incidence and mortality by promoting and co-ordinating collaboration between European specialists in the fields of skin cancer research and prevention. At the national level, he is instructed by the government to establish an independent Skin-Cancer Screening within the scope of the Cancer Early Detection Programme in Germany. On the basis of the "Round Table Solaria" in Germany he is also instructed, in co-operation with WHO and the German Cancer Aid, to establish a "European Certification Standard for Solaria-Studios". e-mail: e.breitbart@elbekliniken.de



Frank R. de Gruijl, Ph.D., is currently working at the Leiden University Medical Center, Netherlands. He received his Master of Sciences in Physics (1977) and his Ph.D. on 'experimental UV carcinogenesis' (1982). Dr. de Gruijl's main research interests are UV carcinogenesis and modulation of immune responses by UV radiation (more than 70 peer-reviewed papers and a similar number of chapters on these subjects). The research has branched from quantifying visible skin reactions into the basic (molecular) biology behind these reactions. He is regularly asked to participate in national and international committees to advise on UV risks. He is currently a member of the committee on "Effects of a Stratospheric Ozone Depletion" of the United Nations Environmental Programme (UNEP), and chairman of the scientific board of EUROSKIN. He is also Associate Editor of "Photochemistry and Photobiology" and the "Canadian Medical Association Journal". Mr. de Gruijl has been a member of ICNIRP since May 1997.

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Maila Hietanen is Head of the Non-Ionising Radiation Section of the Department of Physics at the Finnish Institute of Occupational Health (FIOH). Her research interests cover the whole range of non-ionizing radiation, in particular the evaluation and prevention of health hazards related to occupational exposures. In addition to research, her work also comprises NIR training. She is actively involved in research cooperations within the EU COST programme and is member of several European and international committees and advisory groups such as the International Commission on Occupational Health - ICOH, the International Electrotechnical Commission - IEC, the World Health Organization -WHO). Dr. Hietanen has been an ICNIRP member since May 1996. e-mail: maila.hietanen@occuphealth.fi



James C. Lin is a Professor of electrical engineering, bioengineering, physiology and biophysics at the University of Illinois-Chicago, where he has served as Head of the Department of Bioengineering, and as Director of Special Projects in the College of Engineering. He held an NSC Research Chair from 1993-97, and is a recipient of the d'Arsonval Medal Award of the Bioelectromagnetics Society. His current research interests include electromagnetics in biology and medicine, biomedical imaging and sensing, minimally invasive microwave technology for medical interventions, and biological interactions of radio frequency and microwave radiation. He is the author of several books, the editor of the book series on Advances in Electromagnetic Fields in Living Systems, and the author of numerous journal papers and book chapters. His column on telecommunication radiation safety and health is carried by four professional magazines.

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Rüdiger Matthes received his M.E. degree in electronic engineering from the Technical University in Munich. Since 1989 he is Head of the group "Non-Ionizing Radiation (Dosimetry)" at the German Federal Office for Radiation Protection. The interests of this group cover all aspects of NIR protection with the main focus on dosimetry. He has been the Scientific Secretary of ICNIRP since 1993.

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Agnette P. Peralta received her BSc in Physics from the University of the Philippines and her M.Sc. in Medical Physics from the University of Wisconsin-Madison, USA. She is the Director of the Bureau of Health Devices and Technology of the Department of Health, Republic of the Philippines. She is also an Associate Professorial Lecturer in the Medical Physics program of the Graduate School, University of Santo Tomas, Manila. Main research and work interests are radiation protection, radiation dosimetry, and radiation regulation. She is a member of the International Advisory Committee of the World Health Organization EMF Project. She is an ICNIRP member for the period 2004-2008. e-mail: apperalta@co.doh.gov.ph



Per Söderberg is a Professor of Ophthalmology. He is the head of the Research Department, St. Erik's Eye Hospital and the executive director of the Swedish optometry program at the Karolinska Institutet, Stockholm, Sweden. Main research interests are effects of optical radiation in the eye with an emphasis on ultraviolet radiation, cataract measurement, and anterior segment surgery. His work includes exploration of the pathophysiological mechanism for UVR induced cataract, development of a new model for determination of UVR toxicity in the eye, determination of the influence of variables such as age, sex, pigmentation, exposure time and fractionation of exposure on UVR induced cataract and development of new systems for measurement of cataract. Dr Söderberg is a commission member of ICNIRP since 2002.



Bruce E. Stuck is the Director of the U.S. Army Medical Research Detachment of the Walter Reed Army Institute of Research, where he has programmatic responsibilities for laser and microwave biological effects research program. He has 32 years experience in laser hazards research experience and is the author/ co-author of numerous papers on ocular and cutaneous effects of laser and radio frequency radiation. His primary interests are in the biological effects of visible and infrared laser radiation on the retina and cornea and the assessment of laserinduced eye injuries and their treatment. He is the Chair of the Biological Effects and Medical Surveillance Technical Subcommittee of the American National Standards Institute's (ANSI) Z136 Standard for the Safe Use of Lasers. He is a member of the Association for Research in Vision and Ophthalmology, the Laser Institute of America, the Biomedical Optical Society of the SPIE and the editorial board of the Journal of Laser Applications. He has served on ICNIRP SC IV since 1999 and has been elected to the Main Commission 2004-2008. e-mail: bruce.stuck@brooks.af.mil



Anthony Swerdlow was educated in medicine at the universities of Cambridge and Oxford. After junior posts in clinical medicine, epidemiology and public health in the Oxford region and London, he worked in epidemiology at the University of Glasgow and at the Office of Population Censuses and Surveys before moving to the London School of Hygiene and Tropical Medicine in 1987. He has been Professor of Epidemiology at the Institute of Cancer Research since July 2000. His research is in chronic disease epidemiology, mainly on cancer but also on other diseases including type 1 diabetes and CJD. His research interests have for many years included non-ionising radiation and he is currently a member of the NRPB Advisory Group on Non-ionising Radiation. Dr. Swerdlow has been a member of ICNIRP since May 2000. e-mail: a.swerdlow@icr.ac.uk



Masao Taki received his B.E., M.E., and Ph.D. degrees in electronic engineering from the University of Tokyo in 1976, 1978, and 1981, respectively. He currently is a professor at the Department of Electronics and Information Engineering at the Tokyo Metropolitan University, Tokyo, Japan. His research interests focus on dosimetry of electromagnetic fields, such as exposure assessment of SAR in the human head during the use of cellular telephones and current density induced in the human body due to exposure to ELF magnetic fields. Dr. Taki has been an ICNIRP member since 1995.

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Paolo Vecchia graduated in Physics at the University of Rome in 1969. Since 1973, he has been serving at the National Institute of Health (ISS) in Rome. He has been working in the field of Non Ionizing Radiation (NIR), performing both basic research and control activity aimed at the protection of workers and of the general public. He is presently Head of the Non Ionizing Radiation Section of the Physics Laboratory of ISS. As such he is responsible for advice to health and environmental authorities on any health problem related to NIR. In the field of basic research, he has been involved mainly in studies on possible effects of electromagnetic fields on the immune system as well as in theoretical dosimetry. He is also collaborating to epidemiological studies relative to both low- and high-frequency fields. At present, Dr. Vecchia is President of the European Bioelectromagnetics Association (EBEA), and Past President of the Italian Radiation Protection Association (AIRP). He has been an ICNIRP member since May 2000.

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Bernard Veyret graduated in Physics at the College of Industrial Physics and Chemistry in Paris in 1975. The main topics which he has addressed recently concern the effects of pulsed low-power microwaves on the immune system of mice; the effects of strong pulsed magnetic fields on the proliferation of tumour cells in culture; and on the growth of tumours in vivo. He is currently investigating the effects of mobile telephones on biological systems. He has also investigated the effects of microwaves on plants and seeds in co-operation with the French Space Agency and has written several articles on the bioeffects of electromagnetic fields. Dr. Veyret was one of the founders of the European Bioelectromagnetics Association (EBEA) in 1989 and is now Director of Research at the Wave-Matter Interactions Laboratory at the University of Bordeaux and Head of the Bioelectromagnetics Laboratory of l'Ecole Pratique des Hautes Etudes. He has been an ICNIRP member since May 2000. e-mail: b.veyret@enscpb.fr



Michael Repacholi is the Responsible Officer for Radiation Protection and Global Hazards Assessment at WHO. He is managing the International EMF Project and the INTERSUN Project, which focuses on the health risk assessment of EMF and UV, respectively. He is author or co-author of over 145 scientific publications in the area and has been a participant in ten WHO task groups on various NIR. Dr. Repacholi is Fellow and Past President of the Australian Radiation Protection Society, and Fellow and Past President of the Australian College of Physical Sciences and Engineering in Medicine. He was a founding member of INIRC/IRPA and became ICNIRP Chairman at its inception in 1992. Since May 1996 he is Chairman Emeritus of ICNIRP. e-mail: repacholim@who.int

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