



Stefan Hirschberg

PSAM12 Speaker Bio

Health Effects of Technologies for Power Generation: Contributions from Normal Operation, Severe Accidents and Terrorist Threat

Short Statement: First author.

BIOGRAPHY

Stefan Hirschberg is the Head of the Interdepartmental Laboratory for Energy Systems Analysis at the Paul Scherrer Institut (PSI), Switzerland. The Laboratory consists of three Groups: Technology Assessment, Energy Economics, and Risk and Human Reliability. Since 1992, when Dr. Hirschberg joined PSI, he coordinates activities on “Comprehensive Assessment of Energy Systems” covering environmental, risk-related and economic aspects. He manages a number of projects for energy and environmental authorities, for electrical utilities and vendors, and within international programs. His main research interests currently include: Life Cycle Assessment, Environmental Impact and External Cost Assessment, Risk Assessment, Sustainability Assessment, Development of Integrated Tools for Decision Support, and Analysis of Energy Supply Strategies.



Stefan Hirschberg has about 200 publications and lectures at the Swiss Federal Institutes of Technology in Zurich on “Reliability and Risks of Complex Systems” and on energy systems analysis. He has been a member of numerous advisory, consultant and expert groups supporting national and international organizations. He is a frequent invited and key-note speaker at national and international conferences. Dr. Hirschberg is a member of the Editorial Boards of the International Journal of Risk Assessment and Management, and Sustainability Journal. In 2008 S. Hirschberg was elected to become individual member of the Swiss Academy of Engineering Sciences (SATW). He is a Member of the Scientific Advisory Board of the Program “Technology, Innovation and Society” of the Helmholtz Association and Deputy Chairman of theecoinvent Board of Directors.

Before joining PSI Dr. Hirschberg was responsible for Risk and Reliability Assessment within ABB, Sweden (1982 – 1990). During a leave of absence from ABB between 1990 and 1992 he served as First Officer in the International Atomic Energy Agency (IAEA; Vienna, Austria), with responsibilities for IAEA’s activities in the PSA field.

He has a M.Sc. degree in engineering physics from the Chalmers University of Technology, Gothenburg, Sweden and Ph.D. degree in reactor physics from the same University.