

Conference Speakers

<i>On Monday June 14:</i>	<i>On Tuesday June 15:</i>
Professor Markku Wilenius	Professor Ilkka Niiniluoto
Professor Friedrich Schmidt-Bleek	Dr. Frieder Otto Wolf
Dr. Erkki Ormala	Dr. Joachim Spangenberg
Dr. Arto Timperi	Dr. Jyrki Luukkanen
Dr. Jukka Leppälähti	Dr. Päivi Timonen
Dr. Risto Ranki	Senior Advisor Jouko Kuisma
Dr. Lorenz M. Hilty	

Professor of Futures Studies, Dr. Markku Wilenius



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Markku Wilenius has acted as Director of the Finland Futures Research Centre in 1999-2001, as Research Director in 2002-2003 and again as Director starting from August 1, 2003. He was nominated as Professor of Futures Studies at the Turku School of Economics and Business Administration on November 14, 2003. Markku Wilenius is also Doctor of Science in the University of Helsinki.

Markku Wilenius' interests in research and development focus on the development of the society and foreseeing of development, visionary strategic management of organisations in terms of their competence building as a way to "futurise" them, and sustainable development. Currently he is finalising a book on creative economy and the meaning of cultural know-how, named "Cultural Competence as a Component of National Competitiveness".

In October 2002 he was appointed as associate member to the Club of Rome and he acts as the Chairman of the Finnish Association for the Club of Rome. He is also a member of Finnish Government's Committee for Sustainable Development, and he has also acted as a chairman in a committee, nominated by CSD, that prepared the national agenda of Finland for the UN summit meeting in Johannesburg 2002. Wilenius also acted as member of the executive committee of the Finnish Consumer Agency.

<http://www.tukkk.fi/tutu/personnel.asp> >> Wilenius

Professor, Dr. Friedrich Schmidt-Bleek



Prof. Dr. Friedrich Schmidt-Bleek, Physiochemist, Professor and Scientist for many years in USA; he was responsible for developing German Chemical Law at the Federal Environmental Agency in Berlin. He has been working in leading positions at OECD, "Weltwirtschaftsgipfel" and at the International Institute for Applied System Analysis in Laxenburg near Vienna.

Between 1992 and 1997 Professor Schmidt-Bleek worked as a Vice-President of the Wuppertal Institute for Climate, Environment and Energy in Germany. He is now member of the international Factor 10 Club and president of the Factor 10 Institute in Carnoules, France.

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Professor Schmidt-Bleek was the winner of the Takeda World Environmental Award 2001 together with Ernst-Ulrich von Weizsäc

Dr. Erkki Ormala**Nokia Oyj**

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Dr. Ormala had his M.Eng. degree in 1974 and his Dr.Tech. degree in 1986 from the Helsinki University of Technology.

He worked as a research engineer at the Technical Research Centre of Finland 1974-1987. In 1967 he was a visiting scholar at Stanford University in the USA and in 1982 at the International Institute of Applied Systems Analysis in Austria. 1987-1999 he was the Secretary of the Science and Technology Policy Council of Finland. The Council was chaired by the Prime Minister with the task to give advice to the Government and administration in issues related to science, technology and innovation policies. In 1999 he joined the Nokia Group as Director of Technology Policy. At Nokia his responsibilities cover technology policy, knowledge management, university co-operation, future work and issues relating to information society.



Dr. Ormala has published over forty papers on evaluation and innovation policies. He has been a consultant to a number of industrial companies, international organisations and European governments. In 1992-1999 he chaired the international expert group which carried out the evaluation of the EUREKA. Since 1994 he has been a member of the evaluation and monitoring panels of the EU RT&D programmes. In 1996-1999 he was the chairman of the OECD Working Group for Technology and Innovation Policy.

Dr. Arto Timperi**Timberjack Oy**

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Arto Timperi is a PhD (Engineering and Automation) from Tampere University of Technology. Since 1998, Arto Timperi has been working as the manager of Timberjack Energy Technology, developing the promising and growing bio energy business area for the company. Before that he worked in the Fusion Power development at Max Planck Institute für Plasmaphysik in Munich, Germany. In 2003, he served the European Commission as a chairman to monitor the Fusion Technology project and the EU 5th Frame Work Programme. He currently serves also as a member of the management board of the National Fusion Energy Programme, the management board of the National Fusion Energy Programme (fusion) and the management board of the Centre for Sustainable Energy (SENTRE) in Tampere, Finland.

In 2002, he was nominated as a Bioenergist of the Year in Finland by Finnbio Ry. He was also a member of the team that received the Energy Globe Award in Austria, on March 2002, for the achievement in the development of the World's Biggest Biomass Power Plant, Alholmens Kraft (together with Alholmens Kraft, UPM-Kymmene and PVO). On January 19th 2004 in Berlin, the consortium of PVO, UPM-Kymmene and Timberjack was nominated to a winner of the EU Commission Campaign for Take-Off Awards by the achievements of the 600 MW bioenergy investment programme.

<p>Senior Technical Adviser Dr. Jukka Leppälahti</p>  <p>National Technology Agency of Finland, Tekes</p> <p>P.O.Box 69, 00101 Helsinki, Finland Email jukka.leppalahti@tekes.fi</p>	<p>Jukka Leppälahti works in TEKES (National Technology Agency of Finland) as a Senior Technical Adviser. TEKES is the main public financing organisation for research and technological development in Finland. Leppälahti's expertise in the Energy and Environmental technology unit is connected to renewable energy sources and to var fuel conversion processes.</p> <p>Jukka Leppälahti is also the programme committee member in the nuclear energy programme of EU 6.FP. Furthermore, he is also responsible for strengthening the role of sustainable technology development in the activities of Tekes.</p> <p>More information may be found on the website: http://www.tekes.fi</p>
<p>Dr. Risto Ranki</p>  <p>Ministry of Trade and Industry</p> <p>P.O. Box 32, 00023 Government, Finland Email: risto.ranki@ktm.fi</p>	<p>Risto Ranki is responsible for coordinating work on sustainable development in the Ministry of Trade and Industry. He is a member of the National Commission on Sustainable Development, Vice-Chairman of the ad hoc National Commission for Sustainable Consumption and Production, and has chaired multi-stakeholder working groups on related topics (i.a. eco-efficiency and integrated product policy). He was also a member in the national delegations to the world summit conferences in Rio de Janeiro (1992) and Johannesburg (2002). Risto Ranki has been involved with issues of environment and sustainability since 1989.</p> <p>In 1971-1989, Risto Ranki served in the Economics and Budget Departments of the Ministry of Finance and was its economic policy attaché at the permanent delegation to the OECD in Paris. In 1987-1991 he was one of the permanent advisers in the Cabinet Committee for Economic Policy.</p> <p>Risto Ranki was co-author of the National Industrial Strategy (1993), acted as Ad hoc Rapporteur to the Prime Minister on Housing Finance (1996), and is currently a deputy member of the Helsinki City Council and Vice-Chairman of the city health board.</p> <p>He studied economics (M.Sc.) and mathematics (B.Sc.) in the University of Helsinki and completed his doctoral thesis in 2000.</p>
<p>Dr. Lorenz M. Hilty</p>	<p>Dr. Lorenz M. Hilty is head of the Technology and Society Unit at the Swiss Federal Laboratories for Materials Testing and Research (EMPA) and a professor for information systems at the University of Applied Sciences Solothurn Northwestern Switzerland (FHSO).</p> <p>Hilty is currently responsible for the research and development programme "Sustainability in the Information Society" of the Council of the Swiss Confederation.</p>



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Federal Institutes of Technology (ETH), chair of the Technical Committee for Environmental Informatics of the German Informatic Society, and Swiss delegate to the Technical Committee "Computer Society" of the International Federation for Information Processing (IFIP-TC9).

Dr. Lorenz Hilty earned his master's and PhD in Computer Science at the University of Hamburg, Germany, and has been working on information and simulation systems in environmental research and sustainable development for two decades. He has published several books and more than 70 articles in this field.

**Professor, Rector Ilkka
Niiniluoto**



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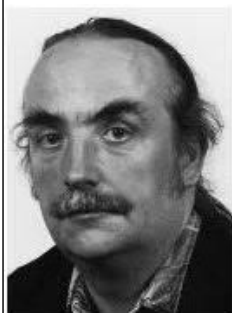
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Ilkka Niiniluoto's doctoral dissertation in 1973 analysed the role of theoretical concepts in inductive inference. In 1973-77 Niiniluoto was Associate Professor of Mathematics at the University of Helsinki, and since 1977 Professor of Theoretical Philosophy. Since 1975 he has been the President of the Philosophical Society of Finland. In 1998-93 he was vice-rector for research and since 2003 he has worked as the rector of the University of Helsinki.

Niiniluoto has written, in the spirit of scientific realism, on probability and induction, explanation, truth and verisimilitude, theory change and scientific progress. His other interests include philosophical logic, epistemology, philosophy of technology, and philosophy of culture. As the chair of the Board of Finland Futures Academy he has also written about the foundations of futures studies. Niiniluoto's main works are *Is Science Progressive?* (1984), *Truthlikeness* (1987), and *Critical Scientific Realism* (1999).



<http://www.helsinki.fi/filosofia/filo/henk/niiniluoto.htm>

Dr. Phil. Frieder Otto Wolf



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Dr. Phil. Frieder Otto Wolf, Privatdozent has studied philosophy, with English and political science as secondary subjects. June 1967 he became doctor of philosophy by the Faculty of Philosophy of the University of Kiel. 1971-1978 he worked as an assistant Professor at the department for the history of Psychology of the Psychological Institute of the Free University of Berlin. Since November 1973 he has been teaching as "Privatdozent" at the Philosophical Institute of the Free University of Berlin. May 1976-September 1977 he worked as the Extraordinary Professor at the Department for Social Sciences of the Faculty for Economy of the University of Coimbra, Portugal. He has worked as a Scientific Collaborator in research projects on labour politics at the Science Centre Berlin, as well as in the Faculty for Political Sciences of the Free University of Berlin. Between 1989-1999 he was a Lecturer and Consultant, co-founder of euroCom, Society for European Communication. Since October 1999 he has been the Co-

<p>Email: fow@snafu.de</p>	<p>founder and director of "inEcom, Institute for European Communication"</p> <p>Between June 1984 and October 1989 Dr Frieder Otto Wolf was an 'Alternate member' for the Greens in the European parliament. Betw 1994-1999 he was a Member of the European Parliament for the Ge Greens. Since May 2003 he has been working as the Co-ordinator of Thematic Network "Sustainability Strategy".</p>
<p>Dr. Joachim Spangenberg</p>  <p><u>Sustainable Europe Research Institute, SERI</u> Grosse Telegraphenstr. 1 D, 50676 Köln, Germany Email: JoachSpangenberg@aol.com</p>	<p>Joachim Spangenberg works at the Sustainable Europe Research Institute, SERI, which is a Pan-European think tank aiming to explore sustainable development options for European societies. SERI was s in September 1999. Joachim Spangenberg has studied Biology and Environmental Sciences and made publications for example in terms material flow analysis and local sustainability.</p> <p>You can see more of Spangenberg's work on the website: http://www.seri.at/Data/people/members/spangenberg/engpersonenj</p>
<p>Academy Research Fellow, Dr. Jyrki Luukkanen</p>  <p><u>Finland Futures Research Centre, Turku School of Economics</u> Hämeenkatu 7 D, 33100 Tampere, Finland Email: jyrki.luukkanen@tse.fi</p>	<p>Jyrki Luukkanen is working as an Academy Research Fellow in Finl Futures Research Centre. He has achieved Doctor of Technology de in Systems Theory at the Tampere University of Technology.</p> <p>He is a Docent of Futures Studies specializing in energy, environme and development studies. His research interests are mainly in the fie environmental politics, energy and climate policy, sustainable development, material flow analysis and development studies.</p>

Senior Researcher, Dr. Päivi Timonen



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Dr. Päivi Timonen is a Senior Researcher in National Consumer Research Centre of Finland. She has been researching subjects concerning consumer behaviour, product culture and evaluation of technology from the consumers point of view. Her research programme has been "New markets and user needs" and her projects have concerned the conditions for immaterial product culture like development trends in online grocery shopping and adoption and immaterialisation of radical innovations in the kitchen.

Senior Advisor Jouko Kuisma



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Mr Jouko Kuisma is Head of Corporate Responsibility in Kesko Corporation, the biggest trading company in Finland. He is in charge of developing principles and policies of corporate responsibility, coordinating the practical measures and reporting on the non-financial performance of the corporation.

Jouko Kuisma chairs the Responsible Importers' Network in Finland and is active in various international organizations such as the International Chamber of Commerce, EuroCommerce and the EU Multi Stakeholder Forum on CSR.