



THE INTERNATIONAL SELECTION COMMITTEE 2011–2012

Chairman:

Chancellor Jarl-Thure Eriksson, Finland

Dr. Eriksson is Chancellor of Åbo Akademi University and was formerly Rector of Tampere University of Technology. His areas of research include superconductivity, complex systems and neural networks.

Dr. Eriksson has been Chairman of the Board of the Foundation for Finnish Inventions and a member of the National Innovation Strategy steering group. He has held positions in numerous international organisations including the Association of European Universities Institutional Evaluation Team and the IEA Expert Committee on HiTc Superconductivity.



Professor Eva-Mari Aro, Finland

Dr. Aro is Professor in Molecular Plant Biology at the University of Turku. Her primary area of research is photosynthesis, solar-energy conversion and chloroplast signalling. She holds several honours and awards and currently heads the Academy of Finland's Center of Excellence.

Dr. Aro has worked in a number of leading international research institutions and universities and has held key positions in several international organisations, including the Presidency of the International Society of Photosynthesis Research (ISPR) and membership of the Steering Committee of the European Initiative for Clean Solar Fuels.



Dr. Craig R. Barrett, United States of America

Dr. Barrett is the retired CEO/Chairman of the Board of Intel Corporation. He was appointed as an Associate Professor at Stanford University after receiving a BSc, MSc and PhD in Materials Science. He chairs Change The Equation, Achieve, Inc., Dossia, and the Skolkovo Foundation Council Board of Directors.

Dr. Barrett is a leading advocate for improving educational standards in the United States and around the world, and is a vocal spokesman for the value that technology can provide in raising social and economic standards globally.



Academician Riitta Hari, Finland

Dr. Hari MD PhD is director of both the multidisciplinary Brain Research Unit of the Low Temperature Laboratory at Finland's Aalto University and the national Center of Excellence on Systems Neuroscience and Neuroimaging. She has pioneered the use of magnetoencephalography (MEG) in providing insights into different aspects of brain function in both healthy subjects and patient groups.

Dr. Hari has supervised 34 PhD theses and is a Member of the National Academy of Sciences (NAS) of the USA. Her research interests include systems-level human neuroscience and brain imaging.



Professor Bengt Kasemo, Sweden

Dr. Kasemo has been Professor of Physics at the Chalmers University of Technology in Gothenburg since 1983 and headed a research group of up to 40 people working on Surface Science, Nanoscience and Nanotechnology, Catalysis for Emission Cleaning and Sustainable Energy Technology until his partial retirement in 2009.

Dr. Kasemo has co-founded several start-up companies. He is also a co-founder of the internationally-recognised Competence Center for Catalysis at Chalmers, whose member companies include Volvo AB, Volvo Personal Cars (Ford), and Saab AB (GM). He has published 420 scientific papers and his work has been cited more than 13,000 times.



Professor Martti Mäntylä, Finland

Dr. Mäntylä is Chief Strategy Officer of EIT ICT Labs, the European Institute of Innovations and Technology's Knowledge and Innovation Community (KIC) on the future information society, and is also Professor of Information Technology at Finland's Aalto University.

From 1999 to 2008 he was the founding Director of the Helsinki Institute for Information Technology, a joint research institute established by the Helsinki University of Technology and the University of Helsinki, and he continues to co-lead the Ubiquitous Interaction research group. His area of expertise is the user-centric design of digital communication services and products.



Professor Konrad Osterwalder, Switzerland

Dr. Osterwalder is Rector of the United Nations University and has been Under-Secretary-General of the United Nations since 2007. Appointed Professor of Mathematical Physics at Harvard University and then at ETH Zürich, the Swiss Federal Institute of Technology, he is also a member of the Swiss Academy of Technical Sciences. He served as Rector of ETH from 1995 to 2007.

His research is focused on the mathematical structure of relativistic quantum field theory, on elementary particle physics, and on statistical mechanics. Dr. Osterwalder has been teaching students in natural science and engineering for more than twenty years.



Dr. Ayao Tsuge, Japan

Dr. Tsuge is President of the Shibaura Institute of Technology. He is also an Executive Member of the Science Council of Japan and Vice President of the Engineering Academy of Japan. He received his BA, MA and doctorate in engineering from the University of Tokyo.

Dr. Tsuge's areas of expertise include energy, environment and economy, innovation, the management of technology and international relations.



Secretary:

Dr. Ainomaija Haarla, Finland

Dr. Haarla MBA is the President & CEO of Technology Academy Finland. She has 30 years experience of working in the paper and metal industries both in Finland and abroad.

Dr. Haarla is the Chairman of the Board of Korona Invest Oy (health care) and a member of the boards of Neste Oil Oyj (oil refining and biofuels), Biohit Oyj (biotechnology) and Altia Oyj (alcoholic beverages). Her research interests include paper manufacturing technology, innovation management and competitiveness.

