

EIT Climate Change Seminar: SHORT BIOGRAPHIES OF GUEST SPEAKERS

Professor Julia King (EIT Governing Board Member and seminar leader)



Prof. King obtained her PhD at the University of Cambridge. She started her academic career at Cambridge University with appointments including Rolls-Royce Research Fellow, (1978-1980) and University Lecturer (1992-1994). In 1994 she was appointed Head of Materials, Rolls-Royce Aerospace Group and went on to hold a number of senior positions at Rolls-Royce including Director of Engineering & Technology, Marine (2000-2002). She served on the EU Aeronautics Expert Advisory Group (2000-2002), and on the Engineering and Physical Sciences Research Council, EPSRC (2000-2003). She was elected to Fellowship of the Royal Academy of Engineering in 1997, serving as a Council member and Honorary Secretary for Education and Training from 2002-2006. She was Chief Executive of the Institute of Physics (2002-2004) before becoming Principal of the Engineering Faculty of Imperial College London (2004-2006).

Pr. King is currently Vice-Chancellor of Aston University, Birmingham, UK. She is a member of the UK Government's Technology Strategy Board and as a non-Executive Director of the Department of Innovation, Universities and Skills. In 2007 she was appointed by the UK Government to lead an independent review into 'decarbonising' road transport.

Professor Sir Brian Hoskins (Climate Change Committee member and Director of the Grantham Institute for Climate Change, Imperial College London)



Sir Brian Hoskins is a Royal Society Research Professor. In January 2008 he became the first Director of the Grantham Institute for Climate Change at Imperial College, and now shares his time between Imperial and Reading University, where he is Professor of Meteorology. His degrees are in mathematics from the University of Cambridge and he spent post-doc years in the USA before moving to Reading, where he became a professor in his thirties and was a head of department for six years. His research is in weather and climate, in particular the understanding of atmospheric motion from frontal to planetary scales.

His international roles have included being vice-chair of the Joint Scientific Committee for the World Climate Research Programme and President of the International Association of Meteorology and Atmospheric Sciences. He has also had numerous UK roles, including playing a major part in the 2000 Report by The Royal Commission on Environmental Pollution that first proposed a 60% target for UK carbon dioxide emission reduction by 2050, and is currently a member of the UK Committee on Climate Change. He is a member of the science academies of the UK, USA, China and Europe and has received a number of awards including the top prizes of the UK and US Meteorological Societies and an honorary DSc from the University of Bristol. He was knighted in 2007 for his services to the environment.

Esko Kivisaari (Federation of Finnish Financial Services)



Esko Kivisaari is the Deputy CEO of the Federation of the Finnish Financial Services (formerly the CEO of the Federation of the Finnish Insurance Companies).

He Holds a Master of Science (applied mathematics) from the University of Turku and following his studies, he joined Pension – Varma, a Finnish insurance company, in 1985 as a mathematician. He went on to become director of the actuarial department before becoming the research director of Varma-Sampo (Currently Varma), which is a large Finnish insurance company. In addition Mr. Kivisaari has been a member in various associations and boards, such as the Finnish Centre for Pensions, FINVA - the Financial and Insurance Institute as well as the Actuarial Society of Finland.

Patrick Oliva (Executive Vice-President, Michelin)



Patrick Oliva is a chemical engineer with a doctorate in physical sciences, and a graduate from Institut d'Administration des Entreprises. From 1975 to 1978, he lectured at Institut de Préparation aux Etudes Supérieures in Paris. From 1979 to 1981, he was a research engineer at SAFT, Bordeaux. In 1982, he joined Michelin in Clermont-Ferrand as an engineer at the Technology Center. From 1986 to 1988, he served as personnel manager for the Greenville, S.C., Research Center / USA. Returning to France in 1989, he worked in R&D for six years. In 1996, he was appointed Corporate Vice President, Communications, for the Michelin Group. From 2001 to 2007, he was Corporate Vice President, Group Projects, and Secretary General of the Group Executive Council. In January 2008, he became Corporate Vice President, in charge of Prospective and Sustainable Development.

Pat Burtis (Investment Manager, Amadeus Capital Partners)



Pat is an investment manager with Amadeus, focusing on the Cleantech sector. Pat joined Amadeus in 2006 through the prestigious Kauffman Fellows program. As part of his Kauffman Fellowship, Pat also held a joint appointment with Imperial College's Energy Futures Lab. Since joining the firm, Pat has led the development of Amadeus' cleantech practice, and co-led Amadeus' investment in GreenRoad, a company which provides enterprise solutions to manage driver safety and fuel efficiency for vehicle fleets.

Prior to joining Amadeus, Pat was an independent management consultant for seven years in the Cleantech, Life Sciences, and Materials Science fields. Concurrently, from 2003-2004 Pat served as VP of Finance and Operations for H2onsite, a California-based hydrogen generation start-up. Pat began his career with five years in Bain & Co's Boston office, where he advised clients in a number of sectors. He has also served as a Practice Area Fellow in McKinsey's Electric Power & Natural Gas group.

Pat holds a BA from Dartmouth College, USA and a MA in Environmental Management from the Yale School of Forestry and Environmental Studies, where he focused on energy and climate change. Pat is an American citizen and speaks Spanish.