

SPEAKER BIOGRAPHIES



**PROFESSOR MIKE BATTY CBE FRS FBA**  
Director of the Centre for Spatial Analysis, UCL

Prof Batty's research work involves the development of computer models of cities and regions, and he has published many books and articles in this area, the most recent being **Cities and Complexity** (MIT Press, Cambridge, MA, 2005) and an edited volume **GIS, Spatial Analysis and Modeling** (ESRI Press, Redlands, CA, 2005). He is also editor of the journal **Environment and Planning B: Planning and Design**.

**PROFESSOR BRIAN COLLINS CPHYS FINSTP**  
Chief Scientific Advisor to the Department for Transport since 2006

Brian is also Professor of Information Systems at Cranfield University. His early career was in the scientific civil service, culminating as Deputy Director of RSRE and then Chief Scientist at the Government Communication Headquarters. He then worked in the private sector at KPMG, Wellcome Trust and finally as Chief Information Officer for Clifford Chance. He has been an adviser to several Government Departments. Brian's role at DfT is to ensure that the department's scientific activities are well directed and that all policy is soundly based on good science.



**PROFESSOR LORD MEGHNAD DESAI**

Lord Desai has written extensively on a wide range of subjects. From 1984-1991, he was co-editor of the Journal of Applied Economics. He has been both Chair and President of Islington South and Finsbury Constituency Labour Party in London and was made a life peer in 1991. In 2002 Desai wrote a book *Marx's Revenge: The Resurgence of Capitalism and the Death of Statist Socialism*, which states that globalization would tend toward the revival of socialism. In 2005 he retired as Director of the Centre for the Study of Global Governance, which he founded in 1992 at LSE, where he is now Professor Emeritus.



**HERBERT GIRARDET**

An author, filmmaker and consultant, who focuses on sustainable development. He is director of programs of the World Future Council, and a former chairman of the Schumacher Society in the U.K. He is a recipient of a U.N. Global500 Award for outstanding environmental achievements. His previous books include *The Gaia Atlas of Cities*, 1992 and 1996; *Cities, People, Planet: Urban Development and Climate Change*, 2004 and 2008; and *Surviving the Century: Facing Climate Change and Other Global Challenges*, 2007.



# DYNAMICS FOR POLICY

## SPEAKER BIOGRAPHIES



**PROFESSOR LORD JULIAN HUNT FRS, GSD ASSOCIATE**  
**Professor of Climate Modelling, Honorary Professor of Mathematics, UCL**

Lord Hunt was Director-General and Chief Executive of the Meteorological Office from 1992-1997. He is a J.M. Burgers visiting professor at the Delft University of Technology, Visiting Professor at Arizona State University, Pierre Fermat Visiting Professor in Toulouse, Academic Director of the Lighthill Risk Network and Deputy Director of the Lighthill Institute of Mathematical Sciences. In his research, he has developed new approaches to modelling turbulence, atmospheric flows around buildings and over mountains, and the dispersion of environmental pollution.

**PROFESSOR CARLO JAEGER GSD PARTNER**  
**Professor for Modelling Social Systems, Potsdam University & Chair of the European Climate Forum**

Prof Jaeger has worked extensively on interactions between technological progress and environmental problems, in particular the role of information technologies for urban development. He has also considerable research experience in the field of stakeholder dialogues. His current research interest is focused on the role of financial markets in managing climate change. For this purpose, he is currently working on multi-agent models with a parallel computation architecture.



**PROFESSOR MICHAEL KELLY CPhys CEng FRS FREng FinSTP**  
**Since July 2006 Michael has been Chief Scientific Advisor to the Department for Communities and Local Government.**

Professor Michael Kelly is Prince Philip Professor of Technology at the University of Cambridge, where 2003-5 he was also executive director of the Cambridge-MIT Institute. He was a member of the research staff of GEC 1981-1992, and professor of physics and electronics at the University of Surrey 1992-2002, and head of its School of Electronics and Physical Sciences 1996-2001. He remains a visiting professor at the University of Surrey and is also a non-executive director of the Laird Group plc.

**PROFESSOR KRISTIAN LINDGREN GSD PARTNER**  
**Professor in complex systems, co-director for European Centre for Living Technology in Venice**

His research in complex systems includes evolutionary game theory, evolution of co-operation and modelling of social dilemmas, cellular automata, and information theory applied to self-organising systems as well as to models of microscopic dynamics. During the past decade, he has also worked extensively on development of energy-economic models for the study of regional and global energy system development under different climate targets and policies.



# DYNAMICS FOR POLICY

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### MICHAEL OBORNE

Director of the OECD International Futures Programme & Director for the OECD Global Science Forum

Michael has worked extensively in the areas of biotechnology, science policy, innovation policy frameworks, information technology policy and the political economy of China. Currently, the International Futures Programme is working on projects focused on space, the new security economy (particularly biosecurity issues), monitoring and managing new systemic risks, the emerging bio-economy, and infrastructure.



### PROFESSOR SASKIA SASSEN

Professor of Sociology, Columbia University, USA and LSE, UK

Professor Sassen is an internationally known scholar, who has published widely on globalisation and the city. Her books include *The Mobility of Labour and Capital* (1988), *The Global City: New York London Tokyo* (1991), *Cities in a World Economy and Losing Control? Sovereignty in an Age of Globalisation* (1996). She is currently working on a research project concerned with the Governance and Accountability in a World Economy.

### PROFESSOR PAUL WILES

Chief Scientific Advisor to the Home Office, Director of Research, Development and Statistics

Prof Wiles is responsible for all science and technology development, social research, economic analysis and modelling, horizon scanning and statistics across the Home Office group. Prior to joining the Home Office he was Professor of Criminology at the University of Sheffield, and formerly Dean of the Faculty of law, and Director of the Centre for Criminology and socio-Legal Studies. He previously worked at the University of Cambridge, and the London School of Economics and Political Science. He has also worked as a consultant with major consultancy companies.



### PROFESSOR SIR ALAN WILSON FBA FRS

Sir Alan's experience as Vice Chancellor of Leeds University led to his appointment in 2004 as first Director General for Higher Education by the UK Government. In this role, he was a key adviser to secretaries of state Charles Clarke, Ruth Kelly and Alan Johnson, and played a critical role in the government's drive to widen participation in higher education and maintaining a world-class education system. He currently teaches at the Centre for Spatial Analysis, UCL.

