



**The Future of Science and Technology in Europe
High Level Conference**

8-9-10 October 2007, Lisbon, Portugal

Plenary Sessions speakers:

José Mariano Gago - Minister for Science, Technology and Higher Education in Portugal

Janez Potocnik - European Commissioner for Science and Research

Mojca Kucler Dolinar – Minister of Higher Education, Science and Technology in Slovenia

Charles Kleiber - State Secretary for Education and Research in Switzerland

Werner Arber – Biozentrum, University of Basel, Professor Werner Arber received the **Nobel Prize in Physiology or Medicine 1978** for his work on the discovery of restriction endonucleases. This work would lead to the development of recombinant DNA technology.

Claude Cohen-Tannoudji - **Nobel Prize laureate in Physics 1997**, Professor at the Collège de France. His work led to the physics Nobel Prize of 1997 for the development of methods to cool and trap atoms with laser light.

José Silva Rodriguez – Director-General of Research, European Commission

Julio Celis, Scientific Director, Institute of Cancer Biology, Danish Cancer Society. Professor and Scientific Director of the Institute of Cancer Biology at the Danish Cancer Society. He has pioneered the use of proteomic technologies to the analysis of bladder and breast cancer and introduced the concept of discovery-driven translational cancer research.

Andrew Dearing - Secretary General, European Industrial Research Management Association (EIRMA). He has held positions in the private, public and not-for-profit sectors, including 20 years with Royal Dutch Shell, starting as a researcher and then becoming responsible for coordination of the company's longer-term R&D portfolio, external relations in science and technology and research and technology strategy planning. He now works with a range of intergovernmental bodies, including the European Commission, the OECD and the United Nations.

Iain Mattaj - Director General of the European Molecular Biology Laboratory since 2005. Between 1999- 2005 he was Scientific Director of EMBL. He has been a Group leader at EMBL since 1985 and conducted post-doctoral work at the Friedrich Miescher Institute and the Biocenter, Basel, Switzerland.

Enric Banda – President of Euroscience, Former Director of the Catalan Research and Innovation Foundation in Barcelona. He is Research Professor of the Consejo Superior de Investigaciones Científicas, CSIC and was Director of its Earth Sciences Institute in Barcelona; General Secretary of the National R+D Plan (1994); Secretary of State for Universities and Research (1995-96); Secretary General of the European Science Foundation (1998-2003).

Paul Caro -Académie des Technologies, Paris. Professor Paul Caro is a Doctor in Chemistry by the CNRS where he was Director for Research until 2001. He is a member of the French Academy of Sciences and a founding member of the Académie des Technologies, Paris. Professor Caro is author of numerous publications on communication and science dissemination and he was a member of the EU High Level Group on Human Resources in Science and Technology in Europe that produced the 2004 report.

Frédéric Sgard - Global Science Forum, OCDE. Dr. Frédéric Sgard is currently project administrator at the Global Science Forum of the Organisation for Economic Co-operation and Development (OECD). Frédéric Sgard was vice-president (2002-2006) of the association Euroscience, a grass-roots association of scientists present in 40 European countries, where he was responsible for science policy and industrial S&T issues. He is also member of the board of the French Association for the Advancement of Science (AFAS).

Graham J Davies - Head of the School of Engineering, University of Birmingham, since 2001. In 1998 he was General Manager in charge of Technology Acquisition for BT. He is Chairman of the UK Government Foresight Panel with responsibility for nanotechnology. He is a Fellow of the Institute of Physics and the Institution of Electrical Engineers and a Fellow of the Royal Academy of Engineering.

Rosalia Vargas, Director of Ciencia Viva – the Portuguese National Agency for Scientific and Technological Culture; elected Councillor for Education and Culture of the Municipality of Lisbon

Charles Bienfait, Director of R&D, Corporate Advisor to CTO, Solvay. Charles Bienfait is a Director and member of the board of R&D for the competitiveness of technologies of SOLVAY SA.

Jan van den Biesen - Vice President Philips Research, Dir. Public R&D programs. He is coordinating Philips' participation in public programmes for R&D partnerships in Europe as well as representing Philips' R&D interests with public authorities in Europe.

Brian Ager -Director General of the European Federation of Pharmaceutical Industries and Associations (EFPIA), the federation of the national pharmaceutical industry associations of European countries, and companies undertaking research, development and manufacturing of medicinal products in Europe for human use.

Frank Gannon – Director-General, Science Foundation Ireland. Professor Frank Gannon was Executive Director of EMBO until 2007 and a senior scientist at EMBL.

Georg Winckler – President, European University Association Professor Georg Winckler is President of the European University Association since 2005. He is Rector of the University of Vienna and President of the Austrian Rector's Conference in 2000-2005.

Ian Halliday – President, European Science Foundation, and Chief Executive of SUPA (The Scottish Universities Physics Alliance). Chief Executive of the UK Particle Physics and Astronomy Research Council (PPARC) from 1997 to 2005; Professor of Physics, he has published numerous papers in the field of Particle Physics Theory.

Luc Soete – Professor, UNU-MERIT, United Nations University Maastricht Economic and Social Research and Training Centre on Innovation and Technology. He is also Professor of International Economic Relations at the Faculty of Economics and Business Administration, University of Maastricht. Professor Soete was the founding director of MERIT, which he set up in 1988.

Dieter Imboden – Vice-President Eurohorcs, President of the Research Council of the Swiss National Science Foundation. Dieter Imboden is Professor of Environmental Physics. His research concerns the study of physical processes in aquatic systems as well as problems of energy and climate politics. He is President of the Research Council of the Swiss National Science Foundation (SNSF).

José Encarnação – Chairman, INI-GraphicsNet Foundation, and Technical University of Darmstadt, Germany. José Encarnação is a professor of computer science at the Technical University of Darmstadt, head of its Interactive Graphics Research Group, chair of the board of the Darmstadt Computer Graphics Center, and director of the Darmstadt R&D institute of the Fraunhofer Research Society. He serves as a consultant to government, industry, and several international institutions, and was a founder of EUROGRAPHICS.

Carlos Costa – Vice-President, European Investment Bank since October 2006. Previously, he has held various positions in banks, namely Executive Director and Member of the Board Caixa Geral de Depósitos, President of the Banco Caixa Geral, in Spain, President of Banco Nacional Ultramarino SA (Macau), Member of the Board of Unibanco Holdings SA (S.Paulo, Brasil). He has held also various positions in the European institutional framework, namely Head of the Cabinet of the Portuguese Commissioner, during seven years, and Coordinator of the Economic and financial affairs at the Portuguese RP, also during seven years. He has been President of the Board Caixa Geral de Aposentações, and Vice President of the European Manufature High Level Group, whose subject is the innovation strategy to ensure a competitive european industry in the global economy.

Fotis Kafatos - President of the European Research Council. Professor Fotis C. Kafatos is currently chair of the Immunogenomics at Imperial College London, after serving two successful terms (1993-2005) as Director-General of the European Molecular Biology Laboratory (EMBL). He is the European Research Council (ERC) President and Chairman of its Scientific Council.

Federico Mayor - President, Initiative for Science in Europe. Federico Mayor Zaragoza was Professor of Biochemistry at the University of Granada and at the

Complutense University of Madrid. He was minister of Education and Science (1981-82) and member of the European Parliament (1987). He became deputy director-general of UNESCO in 1978 and director-general of UNESCO (1987-1999); he created and was president of the Foundation for a Culture of Peace.

Robert Aymar – Director-General, CERN since 2004. Robert Aymar was Director of ITER and served as Chairman of the European Fusion Technology Steering Committee and as a member of the Joint European Torus Scientific Council and of the International Thermonuclear Experimental Reactor (ITER) Technical Advisory Committee.

Philippe Busquin - Member of the European Parliament. Full member of the Committee on Industry, Research and Energy and substitute of the Committee on Environment, Public Health and Food Safety, he is member of the Parliamentary delegation EU-China. Chairman of the STOA (Scientific Technology Options Assessment), he also chairs the "Sky & Space" Intergroup. He was European Commissioner in charge of research policies from 1999 to 2004.

Peter Tindemans – Euroscience. He is a founder member of Euroscience and convenor of the Science Policy Working Group. He is the co-founder of the Physics and Society group at Leiden University. He co-ordinated Dutch Innovation Policy in 1979 and became responsible for the whole research and science policy in The Netherlands. He chaired the OECD Megascience Forum.