

BIOGRAPHIES

HOST

Bo Sundqvist, Vice-Chancellor, Uppsala University, Sweden; Chairman, Association of Swedish Higher Education



Bo Sundqvist is the Vice-Chancellor of Uppsala University. He holds a PhD in Nuclear Physics from Uppsala, where he was appointed Professor of Ion Physics in 1987. Professor Sundqvist has previously been Director of the Tandem Laboratory, Assistant Dean for Physics and Dean of the Faculty of Science and Technology.

Vice-Chancellor Sundqvist is President of the Swedish Association of Higher Education. He is a member of the Royal Swedish Academy of Sciences, Royal Swedish Academy of Engineering Sciences, Royal Academy of Arts and Sciences of Uppsala, Royal Society of Sciences at Uppsala and Royal Danish Academy of Sciences. He holds an Honorary Doctorate from the University of Colombo, Sri Lanka. The author of some 250 published scientific works on Few-Nucleon Systems, Ion-Surface Interaction and Biological Mass Spectroscopy, Bo Sundqvist has been a visiting professor at several leading universities around the world, including Institut de Physique Nucléaire at Orsay, Paris, France; California Institute of Technology, Pasadena, USA; and the University of Virginia at Charlottesville, USA.

EUA

Georg Winckler, EUA President; Rector, University of Vienna, Austria



Georg Winckler is President of the European University Association (2005-2009). He is also Rector of the University of Vienna since 1999 and was President of the Austrian Rectors' Conference (2000-2005).

Georg Winckler studied economics at the University of Princeton, USA, and at the University of Vienna, Austria. He has been a professor of economics at the University of Vienna since 1978, specialising in monetary and applied Economics. He has also served as a visiting professor at Georgetown University, USA, University of Fribourg, Switzerland, Comenius University of Bratislava, Slovakia, and worked as a visiting scholar at the International Monetary Fund, Washington D.C., USA. Since June 2004 Georg Winckler has been a member of EURAB (European Research Advisory Board).

OPENING CEREMONY

Kerstin Eliasson, Swedish Secretary of State for Education, Culture and Research, Sweden

For Uppsala colleagues to complete

Anders Björck, County Governor; former President of the Parliamentary Assembly of the Council of Europe; Minister of Defence and First Deputy, Sweden

For Uppsala colleagues to complete

PLENARY SESSIONS

PLENARY SESSION I

Michal Kleiber, Minister of Science and Information Society Technologies, Poland; Founding Member of the Scientific Council of the European Research Council (ERC)

Michal Kleiber is the Minister of Science and Information Society Technologies in Poland. He is also a founding member of the Scientific Council of the European Research Council (ERC).

Michal Kleiber graduated with a Civil Engineering degree from the Warsaw University of Technology and a Mathematics, Mechanics and Information Technology degree from Warsaw University, Poland.

In 1984, he became a professor. Long associated with the Institute of Fundamental Technological Problems of the Polish Academy of Sciences, he became its director in 1995. He was chairman of the board of directors at the Research Institutes of the Polish Academy of Sciences and a member of the Central Commissions for Scholarly Degrees and Scientific Titles.

He is a member of the Polish Academy of Sciences and the Austrian Academy of Sciences. In his research, he has dealt with the application of modern computer methods in scientific research, technology and medicine. The author of over 200 research papers published in leading international journals and six monograph books, two of which published with John Wiley & Sons have gained the best-selling status. He is editor-in-chief of the prestigious scientific journal Archives of Computational Methods in Engineering, which has a world-wide circulation. He was a research associate at the University of Stuttgart, Germany in 1975-1979 and a visiting professor at the University of California, Berkeley, USA in 1983-1984 and the University of Tokyo, Japan in 1991-1992.



Raffaele Liberali, Director, “Human Factor, Mobility and Marie Curie Activities”, Research Directorate General, European Commission

Raffaele Liberali is Director for the “Human Factor, Mobility and Marie Curie Activities” within Directorate-General Research at the European Commission.

A graduate in Mechanical Engineering, Raffaele Liberali joined the European Commission in 1978, where he first worked as Scientific officer in Directorate-General Energy. He subsequently took up a position as Assistant to the Director-General for Credit and Investments and became Head of Unit for Studies and New Financial Techniques within the same Directorate-General in 1989.

He then spent 5 years as Head of Unit in Directorate-General Personnel and Administration. In 1996 he moved to Directorate-General Research as Director for Administrative and Financial Affairs. Since 2001, as Director for the “Human Factor, Mobility and Marie Curie Activities”, he is responsible for :

- the implementation of training and mobility actions of the 5th and 6th framework programmes (Marie Curie fellowships, international fellowships, research training networks, Euroconferences);
- the implementation of actions to facilitate the mobility of researchers and the development of their career (elimination of obstacles to mobility, development of careers for researchers at European level, etc.);
- the preparation of the human resources activities of the 7th framework programme.



PLENARY SESSION II

Roderick Floud, EUA Vice-President; President and Former Rector, London Metropolitan University, United Kingdom

Sir Roderick Floud is a Vice-President of EUA (2005-2009), with particular responsibility for its finances and for the Bologna Process.

Sir Roderick Floud is President of London Metropolitan University and a former President of Universities UK. He is an economic historian and has also taken a particular interest in disadvantaged students and increasing access to higher education. He represents London's 42 universities and colleges on the Board of the London Development Agency.



Yannick Vallée, President, University Joseph Fourier, Grenoble, France; First Vice-President, French Conference of University Presidents

Since 2004, Yannick Vallée has been the First Vice-President of the French Conference of University Presidents (CPU). He is also President of the University Joseph Fourier, Grenoble 1, since 2002. From 2002 to 2004, he was the President of the network “Grenoble Universités”.

Yannick Vallée completed his PhD in Chemistry in 1984 at the University of Caen. In 1993, he was awarded a Bronze Medal by the “Centre National de la Recherche Scientifique” (CNRS) and was elected as a Junior Member of the 'Institut Universitaire de France' in 1996. In 2003, he became Chevalier des Palmes Académiques.



PLENARY SESSION III

Christina Ullenius, EUA Vice-President; Rector, Karlstad University, Sweden

Christina Ullenius is a Vice-President of EUA (2005-2009), with particular responsibility for membership development. She has been the Rector of Karlstad University, Sweden, since 1995.

Karlstad University is a young institution with a strong commitment to serving society, creating strong profiles in research and education. Its mission spans from the creation of a strong role in regional development, life-long learning, flexible and distance education to nationally strategic areas with strong international cooperation.

Christina Ullenius is a chemical engineer by training and has had a long research and teaching career in organic chemistry. Before moving to Karlstad, she was Vice-Rector of Chalmers University of Technology in Gothenburg (1989–1994) as well as having spent periods of research in the United States, such as at Princeton University.

She is a member of the Royal Swedish Academy for Engineering Sciences and has previously served as President of the Board of the Swedish Research Council for Engineering Sciences (1996-2000) and as President of the Swedish Association of Higher Education (2001–2004).



Mathias Winiger, Rector, Rheinische Friedrich- Wilhelms Universität Bonn, Germany

Since 2004, Matthias Winiger has been the Rector of the Rheinische Friedrich-Wilhelms-University of Bonn.

A physical geographer, Matthias Winiger studied geography, physics and botany. For ten years he worked as a lecturer at the University of Bern, before he accepted an offer of a professorship for geography at the University of Bonn. His areas of research comprise issues of “comparative research of high mountains” and “man-environment-relationships”.

He worked empirically and theoretically in the high mountain areas of Asia, Africa and Europe. He is full member of the Academy of Science and Literature in Mainz (Germany), co-editor of scientific journals and is committed – together with his study-group – to several interdisciplinary research projects. From 2002 to March 2004 he was dean of the Faculty of Mathematics and Natural Sciences.



Gülsün Sağlamer, EUA Board member; Former Rector, Istanbul Technical University, Turkey

Gülsün Sağlamer is a member of the EUA Board (2005-2009).

Former Rector of Istanbul Technical University (ITU) from 1996 to 2004, Gülsün Sağlamer is currently the President of ITU's technology park and incubation centre, the Advanced Research and Innovation (ARI) Teknocity. She is an Executive Board member of the International Association of University Presidents, an active member of the CESAER network and Vice President of the CMU. She served on the Executive Board of the national SME development agency from 2002-2004.

Gülsün Sağlamer is a professor of architecture. She has been a visiting scholar at Cambridge University and a visiting professor at Queen's University in Belfast. She is a member of the editorial board of three international scientific journals and has been on numerous juries, most recently for the prestigious



Daimler-Chrysler-UNESCO Mondialogo Engineering Prize. She has received several architectural prizes and was awarded Honoris Causa by Carleton University, Canada (2001) and Universitatea de Nord Din Baia Mare University, Romania (2002).

During her tenure she has successfully completed an ambitious reform programme at ITU that restructured all undergraduate and graduate programmes, mobilised diverse funding sources to substantially expand the institution's research infrastructure, and created new mechanisms for orienting research and education towards market-driven innovation. Above all, she has been a strong proponent of internationalisation in higher education and of establishing quality culture for sustainable improvement.

**Pier Ugo Calzolari, Rector,
University of Bologna, Italy**

Since 2000, Pier Ugo Calzolari has been the Rector of the University of Bologna, where he graduated in 1962 with a *laurea* in Electronic Engineering. Since September 2004, he has been a member of the Presidential Board of the Italian Conference of Rectors (CRUI) for which he holds responsibility for International Relations.



From 1994 to 1998, Pier Ugo Calzolari was Chairman of the Scientific Committee of EUROFORM, an association gathering universities and companies in Spain, France, Ireland, Germany, Austria, Portugal and Italy and aiming to promote advanced training initiatives in the field of microelectronics. From 1996 to 1998, he was the coordinator and scientific head of the Transnational Research Training Institute, a network of 27 European universities involved in the microelectronic project developed in the framework of the Human Capital and Mobility Programme of the European Union.

Pier Ugo Calzolari is a member of the scientific committees of various scientific organisations. He is notably an expert member of the Italian delegation in the Committee for the Information Technology Programme (ESPRIT) of the European Union. He was awarded honorary degrees from Glasgow University (2001); St. Petersburg University (2003); Montréal University (2004).

**Jaak Aaviksoo, EUA Board member;
Rector, University of Tartu, Estonia**

Jaak Aaviksoo has been an EUA Board Member since 2001. He was re-elected in 2005 for the period 2005-2009. He has been Rector at the University of Tartu since 1998 and Chairman of the Board of the Estonian Rectors' Conference since 2004. He was Minister of Education of Estonia 1995-1997, and prior to that appointment, Vice-Rector of the University of Tartu.



Jaak Aaviksoo is a physicist, professor of optics and spectroscopy at the University of Tartu. He has been a visiting professor and scholar in Russia, Germany, France, Japan.

He is a member of the Estonian Academy of Sciences and the Academic Council of the President of Estonia.

PLENARY SESSION IV

Frans van Vught, EUA Board member; Former President and Rector Emeritus, University of Twente, The Netherlands

Frans van Vught is a member of the EUA Board (2005-2009).

He was Rector Magnificus and President of the University of Twente, the Netherlands (1997-2005). He is a member of several national councils and bodies in the Netherlands, including the National Innovation Platform, the Social-Economic Council and the National Education Council. Before accepting his position as Rector, he was for more than ten years the scientific director of the Center for Higher Education Policy Studies (CHEPS), the largest higher education studies center in the world.

He studied at the University of Utrecht and the Massachusetts Institute of Technology and held positions at universities in the US and the Netherlands. As a higher education specialist he has worked with governments, international organisations (European Commission, OECD, UNESCO, World Bank) and many universities. He has published widely and is a board-member of several journals on higher education. He was the founding chairman of the European Consortium of Innovative Universities (ECIU), the co-founder of the Consortium of Higher Education Researchers, and was involved in several other professional organisations. Since 1996 he is a member of the University Grants Committee, Hong Kong, which has administrative responsibility for the eight universities of Hong Kong. He is also an active member of the CESAER network and since 2005 is president of ESMU (European Centre for Strategic management of Universities).

He has published 30 books and over 250 articles in several languages. He won several academic awards and holds an honorary doctorate of the University of Gent.



Wilhelm Krull, Secretary-General, VolkswagenStiftung, Germany

Wilhelm Krull is the Secretary General of the Volkswagen Foundation which is located in Hanover, Germany. He is currently Vice-Chair of the European Foundation Centre, and a member of the Advisory Board of the German Bundesverband Deutscher Stiftungen. Dr. Krull also chairs the Hague Club of some 25 major European foundations.

He has been and still is a member of numerous advisory committees and governing boards of universities, Max Planck Institutes, academies, and research organisations. At the European level he chaired expert panels on benchmarking of scientific and technological productivity as well as on monitoring of the Sixth Framework Programme. He was also strongly involved in developing the concept for establishing a European Research Council.



João Caraça, Director, Science Department, Calouste Gulbenkian Foundation, Portugal

João M.G. Caraça is the Director of the Science Department of the Calouste Gulbenkian Foundation, in Lisbon. He is also Full Professor of Science and Technology Policy at the Instituto Superior de Economia e Gestão of the Universidade Técnica de Lisboa, where he coordinated the M.Sc. Course in Economics and Management of Science and Technology.

João Caraça is Science Adviser of the President of the Portuguese Republic and has published 150 scientific papers. His main interests are in science and technology policy and in prospective studies. He authored



“Do Saber ao Fazer: porquê organizar a ciência” (1993), “Ciência” (1997), “Science et Communication” (1999), “Entre a Ciência e a Consciência” (2002) and “À Procura do Portugal Moderno” (2003). He also co-authored “Limits to Competition” (1995) and co-edited “O Futuro Tecnológico” (1999).

He obtained the D. Phil. in Nuclear Physics at the University of Oxford (1973) and the Agregação in Physics at the Lisbon Faculty of Sciences (1974).

Hans Peter Hertig, Chief Executive, Swiss National Science Foundation, Switzerland

In September 2004, Hans Peter Hertig assumed his present position as Special Adviser to the Foundation Council of the Swiss National Science Foundation (SNSF) in charge of a fundamental reorganization of SNSF. Previously, he had served as Secretary General and Chief Executive of SNSF for twelve years. Hans Peter Hertig had been Science and Technology Councilor to the Swiss Embassy in Washington DC and to the Swiss Mission to the EU in Brussels. His academic career includes positions at the University of Geneva, University of Berne, University of Iowa (Iowa City) and the University of Southern California (Los Angeles).



He is a member of the Governing Council of the European Science Foundation. Hans Peter Hertig is the designated Director of the planned Swiss House of Science and Technology in Shanghai, China. He will assume this position in December 2005.

Hans Peter Hertig was born in 1945. After an apprenticeship as a laboratory technician he studied chemical engineering at the Engineering College in Burgdorf BE and economy and political science at the University of Berne. He obtained a PhD (Dr. rer. pol.) from the University of Berne.

PLENARY SESSION V

Peter Gaehtgens, EUA Board member; President, German Rectors' Conference, Bonn, Germany

Peter Gaehtgens is a member of the EUA Board (2005-2009).

Peter Gaehtgens studied medicine in Freiburg, Munich and Cologne. Ever since 1966 he has been doing research in Cologne and at the California Institute of Technology. Since 1983 he has been employed at the Freie Universität Berlin. At first as Full Professor, then as Vice Dean of the Faculty of Theoretical Medicine, and later on as Dean of the Faculty of Medicine. Over time his involvement lead to attaining the position of the First Vice President and in 2003 he went on to become the President of the Freie Universität Berlin.



Later the same year he became the President of the Conference of Rectors and Presidents of Universities and other Higher Education Institutions in Germany.

David Westbury, Chair, Joint Costing and Pricing Steering Group; former Vice-Principal, University of Birmingham, United Kingdom



David Westbury became an independent consultant in October 2002. Before that, he was Vice-Principal of the University of Birmingham, a post that he held from 1992 to 2002. In this role he was deputy to the Vice-Chancellor and had particular responsibility for strategy, planning and resource management.

He is chair of the Joint Costing and Pricing Steering Group. JCPSG is a UK wide expert group working on behalf of the Funding Councils and the

representative bodies of the Higher Education sector to encourage the adoption of formal costing and pricing methods and the integration of financial and academic management into effective business processes.

He was originally educated as a doctor of medicine, and was a researcher and teacher in Medical School. He was Executive Dean of the Medical School at the University of Birmingham from 1984 to 1992.

He is a non-executive director of University Hospital Birmingham NHS Trust, and chairman of UM Association Limited, which provides mutual cover for universities.

CLOSING CEREMONY

Jerzy Buzek, Former Polish Prime Minister; Member of the European Parliament; EP Rapporteur for the 7th Research Framework Programme Proposal



Jerzy Buzek is a member of the European Parliament. He is a member of the Committee on Industry, Research and Energy and of the Delegation to the EU-Ukraine Parliamentary Cooperation Committee.

Jerzy Buzek was Prime Minister of Poland from 1997 to 2001.

He is a Professor of technical sciences actively engaged in public work and holds Honorary doctorates of the Universities of Dortmund and Seoul.

He was a university long standing lecturer at Opole, Gliwice and Częstochowa, researcher at the Institute of the Polish Academy of Sciences in Gliwice and went for a research stay at the University of Cambridge in 1972. He was the representative of Poland at the International Energy Agency - Programme of Greenhouse Gas Effect (1992-1997), the organiser and chairman of an international network of 19 institutions working on energy and environmental protection (1996). He is the author of some 200 research papers, over a dozen rationalisations and three patents in the fields of environmental protection, power and process engineering.

Active in the Solidarność underground structure after 1981, he is a member of the independent, self-governing trade union 'NSZZ Solidarność' and Chairman of the 1st National Congress of Delegates of 'Solidarność' in 1981.

Jerzy Buzek was elected as a Member of the Polish Parliament in 1997. In his capacity as a Prime Minister in 1999 he took Poland into NATO and prepared the country for integration into the European Union (including decentralisation of the State - consolidation of the role of local self-government). In 1998, he began accession negotiations.

He established the annual Pro Publico Bono prize for the best national civic initiatives in 1999 and set up the Family Foundation in 1998.

WORK GROUPS

WORK GROUP SESSION I

Diversifying Research Funding: Strategies and Impact

Work Group 1: Private-public partnership: complementary research funding

Lauri Lajunen, Rector, University of Oulu, Finland

Lauri Lajunen has been Rector of the University of Oulu since 1993.

He graduated with Ph.D in 1976 from the University of Helsinki and became professor of inorganic chemistry at the University of Oulu. In 1985 he worked as a visiting professor in the Florida State University.

Rector Lajunen is a member of several national and international organisations in his field (eg. IUPAC IV Commission) and has given lectures in international congresses on his own field and on the development of universities.

As a Rector of the University of Oulu, he has been participating actively in the discussion on Finnish science policy and university policy and has acted as the first vice chair of the Board of Finland's University Rectors in 1998 – 2003.

Lauri Lajunen published 330 scientific articles on inorganic chemistry and analytical chemistry, 370 joint articles and general articles on natural science and science and university policy, as well as 3 textbooks on chemistry.

Rector Lajunen is Honorary Doctor of Arkhangelsk State Engineering University (1999); Honorary Professor of the University of Hainan, China (2002); Member of Finnish Academy of Technology (1996) and Member of Finnish Academy of Science and Letters (2001).



Davide Bassi, Rector, University of Trento, Italy

David Bassi is Rector of the University of Trento.

He received the Dottore in Fisica degree from the University of Genoa in 1971, with a thesis in which the first evidence of orbiting collisions between atoms was shown. In 1975, after a brief period at Genoa, Davide Bassi joined the University of Trento where, under the initial supervision of Giacinto Scoles, he established a new Molecular Beam Laboratory. In 1987 Davide Bassi was named professor of Electronics (now Experimental Physics) at the University of Trento. During the last two decades, he has been director of the Department of Physics, coordinator of the Physics degree programme, president of the Internal audit committee of the University of Trento, and dean of the Faculty of Science.

The research activity of Rector Bassi includes the following topics: elementary interactions of hydrogen in the gas phase; spectroscopy of atoms, molecules and clusters; reaction dynamics of ion/neutral systems; ion and neutral beams; mass spectrometry.



Work Group 2:

Knowledge to market: turning innovation into entrepreneurial research activities

Gillian McFadzean, Director of Technology and Research Services, Heriot-Watt University, United Kingdom

Gillian McFadzean is Director of Technology & Research Services at Heriot-Watt University since 2001. Based in a university which is one of the most successful in the UK in establishing and maintaining academic-industry collaboration, her role is to develop that reputation and realise the financial and less tangible outcomes expected by the University from it.

To achieve this, she leads the team generating research funds from publicly, commercially and charitably funded bodies, marketing the University's resources of people, equipment and intellectual property, and implementing licensing and company creation.

As a senior university manager, she also has a role in strategic University planning which includes oversight of the RAE submission exercise, close engagement with regional development issues and agencies in Scotland and responsibility for interaction with industry across the range of University activities.



Riccardo Pietrabissa, Vice-Rector, Politecnico di Milano, Italy

Since 2003, Riccardo Pietrabissa has been Vice-Rector for Technology Transfer and Director of the Technology Transfer Office at the Politecnico di Milano.

Riccardo Pietrabissa holds a Master in Mechanical Engineering (1981-University of Pisa) and a PhD in Bioengineering (1987-Politecnico di Milano). Since 2001, he is a Full Professor of Biomechanical Engineering at the Department of Bioengineering of the Politecnico di Milano. His teaching activities include Endoprostheses and Endoprostheses Design at the Biomedical Engineering School.

His research activity dealt with experimental and computational biomechanics in cardiovascular, orthopedics and dental fields with reference to the study of prostheses and biomechanical models of artificial-natural functional interfaces. He has published more than 190 papers, 50 of which on peer review journals.

In 2000, he established the Laboratory of Biological Structure Mechanics at the Politecnico di Milano. He is coordinator of the Italian Network for the University Research Exploitation and a member of the ProTon Europe steering group.



Work Group 3: Balancing funding policies: short term vs. long term perspectives

Veronique Cabiaux, Deputy Head of Cabinet, Office of the Minister-President of the Wallonian Government, Belgium

Since September 2004, Veronique Cabiaux has been the Deputy Head of the Cabinet of the Minister-President of the Wallonian Government, in charge of research and education policies.

Veronique Cabiaux is a senior research associate at the National Fund for scientific research since 1995 and a professor at the Université Libre de Bruxelles. Whilst Vice-Rector of the Université Libre de Bruxelles from 2000 to 2004, she was in charge of research policies and international cooperation



for developing countries.

Veronique Cabiaux holds a degree in Chemistry (1982) and a PhD in Sciences (1987). She completed her post doctoral studies at the Pasteur Institute (Paris, France) and at Harvard Medical School (Boston, USA). The main theme of her research was translocation of bacterial toxins across cell membrane. Habilitation for university teaching (thesis) was obtained in 1997

Claus Hässig, Head, Research Coordination Office, University of Geneva, Switzerland

Claus Hässig is Head of the Research coordination office in the Rectorate of the University of Geneva and Lecturer at the European Institute in Geneva.

After his studies in contemporary history and economics at the universities of Stuttgart and Geneva as well as at the Graduate Institute of Development Studies in Geneva, he started a research career and realised studies and publications focused on the impact of technological changes on society and education.

He has also hold positions in the Geneva's international not-for-profit sector, including responsibility of an organization working in the field of intellectual cooperation. In the Rectorate of the University of Geneva, he is in charge of the strategic planning, the implementation of innovative projects and excellence centres and the evaluation of research. He is a representative for that university in several European networks and serves as an expert to the Swiss Government and to the European Commission. At the European Institute of the university, he is teaching European science, educational and cultural policies.



Work Group 4: Inter-institutional research collaboration: building critical mass (European networks)

Philippe Laredo, Head of Research, Ecole Nationale des Ponts et Chaussées, France; Member of the Executive Committee of the PRIME network

Philippe Laredo is Head of research at the "Ecole Nationale des Ponts et Chaussées" (ENPC) in the "Laboratoire Territoires, Techniques, Sociétés" (LATTS) and Professor at the University of Manchester (Institute of Innovation Research). His research interests are on breakthrough innovation, on the dynamics of research collectives and on research and innovation policies.

On the latter, he has recently edited with Philippe Mustar an international comparative analysis on Research and Innovation Policies (Edward Elgar, 2003 for the paperback edition), and is presently co-coordinating a European Network of Excellence on the subject, PRIME (2004-2008) standing for Policies for Research and Innovation in the Move towards the ERA. PRIME has presently 4 actions dealing with university governance, characterisation and indicators.



Antoine Schoen, Researcher, Observatoire des Sciences et Techniques, France

Antoine Schoen is Engineer in Technology management and holds a PhD in industrial economics.

From 1983 to 1993, he worked as a journalist for major business newspapers (Les Echos, Fortune, etc.). He wrote analysis and stories about innovation. From 1992 to 1998, Antoine Schoen designed and produced e-learning courses dedicated to innovation management for the TV channel ARTE.

From 1998 to 2001, he led a research project dedicated to IPR in biotechnology at the Faculté Jean Monnet-Université de Paris Sud. In January 2003, he joined the "Observatoire des Sciences et Techniques" (OST), where his main research areas are S&T and innovation policy analysis. He is the coordinator for the OEU (Observatory of the European University), a project developed within the



framework of the PRIME network of excellence. In October 2005, he joined the IPTS (JRC - European Commission).

*Work Group 5: Inter-institutional research collaboration: building critical mass
(Regional networks)*

**Jan Vrbka, Rector, Brno University of Technology,
Czech Republic**

Jan Vrbka has been Rector of the Brno University of Technology since 2000. Before holding this position, he was Dean of the Faculty of Mechanical Engineering.

Professor Vrbka is a member of scientific boards at 5 Czech and 2 Slovak universities, member of the Czech Rectors' Conference, member of the Czech government board for human resources development, International Association for Advancement of High Pressure Science and Technology (AIRAPT), and the European High Pressure Research Group (EHPRG).

Professor Vrbka has more than 150 publications in the field of mechanics of solids, university education and university management.



**Mauro Cresti, Vice-Rector for Research,
University of Siena, Italy**

Mauro Cresti is the Vice-Rector for Research at the University of Siena, Italy, where he has been a full Professor in Plant Biology since 1976.

Professor Cresti is President of the Consortium Tyrrhenum; President of the Consortium for Molecular Biology of the Plants; President of the Consortium Etruria Innovazione; President of the technical-scientific committee of the Tuscany Agency for Agricultural Research and Innovation.

He received several honours, notably from the Dutch Agricultural Ministry fellowship, 1974; European Molecular Biology Organization fellowship, 1980; Investigator Marine Biological Laboratory, Woods Hole, 1988; Fullbright Fellowship, University of Massachusetts, 1993.

He was President of the International Association for Sexual Plant Reproduction (1994-1998) and has worked as National Expert Detaché at the European Commission DG XII (1996-1997)

He has written and edited many books in the field of Plant Biology.



*Work Group 6: Evaluating research: the impact of research rankings
on strategic decisions at universities*

**Jürgen Güdler, Head of the Information Management
Division, Deutsche Forschungsgemeinschaft (DFG),
(German Research Foundation), Germany**

Since 1996, Jürgen Güdler has been head of the Department for Information Management at the Deutsche Forschungsgemeinschaft (DFG) (German Research Foundation). The DFG is the main Funding Agency for Research in Germany with an annual budget of around 1,3 Billion Euro. The Department for Information Management is responsible for different kinds of information services including statistics and evaluation, web-based information databases (e.g. www.gepris.de, a project information system on DFG-funded projects) and general internet - and intranet-services. One of the most popular services is the so called DFG-Ranking which was published in 1997, 2000 and 2003. An English



version of the report (around 250 pages) is available at www.dfg.de/en/ranking.

Jürgen Güdler studied Sociology and History of Art at the Universities of Mannheim, Karlsruhe and Cologne. In 2001, he received his Ph.D at the University of Jena (Kooperationsnetzwerke in der Forschung – Entstehung, Struktur und Wirkung am Beispiel der Soziologie (Cooperation networks in research - Origins, structure and effect, using sociology as an example), Informationszentrum Sozialwissenschaften, Forschungsberichte 5

http://www.gesis.org/en/research/information_technology/networks.htm)

Rama Thirunamachandran, Director, Research and Knowledge Transfer, HEFCE, United Kingdom



Rama Thirunamachandran is currently Director (Research and Knowledge Transfer) at the Higher Education Funding Council for England (HEFCE).

In this capacity he has overall responsibility for the strategic direction of HEFCE's research and knowledge transfer policies with budgetary responsibility for some £1.5 billion per annum. He also has oversight of the higher education institutions in the London and Eastern regions. He has Council-wide responsibility for corporate planning in the sector and also for strategic issues affecting the sector. Most recently he was Chairman of the Steering Group which published a good practice guide on 'Strategic Planning in Higher Education'.

Between 1999 and June 2002 he was Regional Consultant for the South East region also at HEFCE. In this capacity he headed the South East Regional Office at HEFCE and had responsibility for managing the relationships with 16 higher education and 36 further education institutions.

Rama Thirunamachandran was educated at the University of Cambridge. Before joining HEFCE he was Head of Research and Enterprise at Royal Holloway (University of London) and Director of Royal Holloway Enterprise Ltd. He has also held posts at the University of Bristol and King's College London.

WORK GROUP SESSION II

The Costing of Research: Exploring National and Institutional New Practice

Work Group 7: UNITED KINGDOM

Berenice Smith, Finance and Commercial Director, University of Leeds, United Kingdom



Berenice Smith has been Finance and Commercial Director of the University of Leeds for ten years since January 1996. Prior to this she held a number of senior appointments within Dixons Stores Group plc, Wickes and Gillette. Her role at Gillette was as Northern Europe Financial Coordinator and involved frequent travel to Norway, Sweden, Finland, Denmark and Holland.

In addition to being responsible for all aspects of Finance at the University of Leeds, Berenice has overall responsibility for Information System Services, the University's computing service; and Residential and Commercial Services, which are responsible for student accommodation (circa 7000 bedspaces) and all on site catering.

**John Fisher, Pro-Vice Chancellor for Research,
University of Leeds, United Kingdom**

John Fisher was appointed Pro-Vice Chancellor for Research at the University of Leeds in 2001.

He holds a degree in Physics from Birmingham University and a PhD in Bioengineering from the University of Glasgow. He is a chartered Mechanical Engineer, having been appointed to the Chair of Mechanical Engineering at the University of Leeds in 1993 and being awarded a D Eng Degree in 1996. His research interests are in the field of Medical Engineering. Over the last twelve years he has led a ten fold growth in the research activities of the Institute of Medical and Biological Engineering, which now houses over fifty doctoral researchers.



Work Group 8: AUSTRIA & HUNGARY

**Sabina Herlitschka, Vice-Rector for research
management and international cooperation,
Medical University of Graz, Austria**

Sabine E. Herlitschka is Vice-Rector for Research Management and International Cooperation at the new Medical University of Graz. Areas covered include research funding, technology exploitation and international research cooperation.

Dr. Herlitschka holds a PhD in biotechnology with specialisation in molecular biology and genetic engineering, and an MBA in "General Management".

She has been working in industrial research before moving into international research cooperation and funding. As Deputy Director of the Bureau for International Research and Technology Cooperation (BIT) in Austria, her duties included coordination and assistance to international life sciences research and technology projects, primarily funded by the European Union. Sabine Herlitschka has been involved in various European expert committees in the life sciences and small business area, served as expert evaluator for the European Commission and at national level, and has coordinated several EU initiatives.



**Tivadar Tulassay, Rector, Semmelweis University,
Hungary**

Tivadar Tulassay has been Rector of Semmelweis University since 2003. The Budapest-based university is the only one in Hungary dedicated solely to health sciences. Semmelweis' five faculties cover a wide range of scientific disciplines from undergraduate to professional level, the degrees of which are recognized throughout the EU and internationally.

Dr. Tulassay graduated as medical doctor in 1974, became specialist in pediatrics and neonatology, obtained his Ph.D. in nephrology research. He was a Humboldt fellow at Heidelberg University in 1985-86.

He is currently working as chairman of the Department of Pediatrics, head of Research Laboratory for Nephrology, Hungarian Academy of Sciences (HAS). He has been appointed as member of HAS. He was the Hungarian representative in EMRC, and involved in various European expert committees.

As Rector of Semmelweis University, Dr. Tulassay introduced a paradigm of innovation in the University. Research and development is at the heart of a major project initiated at Semmelweis in early 2004 to promote the university's capacity for innovation. With seed capital of Ft1.6 billion (€6m) provided by the state, Semmelweis formed a public-private consortium including the HAS and Pázmány Catholic University; four small- and medium-size Hungarian biotechnology firms; leading independent Central European pharmaceutical group Gedeon Richter to establish a life sciences research consortium. The consortium is regarded as a nucleus for a bioscience park, which would facilitate cooperation between universities, multinationals, small- and medium-sized enterprises and venture capital firms.



Work Group 9: IRELAND & THE NETHERLANDS

**Ian Robertson, Dean of Research, Trinity College
Dublin, Ireland**

Ian Robertson is Dean of Research of Trinity College Dublin and Director of Trinity College Institute of Neuroscience. He is a member of the Royal Irish Academy. Previously a senior scientist at the MRC Cognition and Brain Sciences Unit in Cambridge, where he was also a fellow at Hughes Hall, Ian Robertson continues to be a Visiting Professor at University College London, University of Wales at Bangor, University of Padua in Italy, and is a Visiting Scientist at the Rotman Research Institute, University of Toronto.



A graduate of Glasgow University, he gained his Masters and Doctoral degrees at the University of London. His research focuses on the neuropsychology of brain rehabilitation, attention and brain plasticity: he has more than 150 published books and articles in this field. A former science writer for the London Times, his multiply-translated popular science books are Mind Sculpture and the Mind's Eye.

**Ben Jongbloed, Senior Research Associate, CHEPS,
University of Twente, The Netherlands**

Ben Jongbloed is a senior researcher at the Centre for Higher Education Policy Studies (CHEPS) at the University of Twente in the Netherlands.



He holds a Master's degree in Econometrics from the University of Groningen and a PhD in Public Administration from the University of Twente. Since joining CHEPS in 1992, his research has concentrated on the theme of Higher Education Economics. He has written extensively on topics such as funding methodologies, student financial support, marketisation, financial management, and per student costs.

As a staff member of CHEPS he has been involved in commissioned research projects, training seminars and consultancies on the area of higher education policy and institutional management.

Work Group 10: SWEDEN & FINLAND

**Bo Sundqvist, Vice-Chancellor, Uppsala University,
Sweden; Chairman, Association of Swedish Higher
Education**

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**Hannele Niemi, Vice-Rector, University of Helsinki,
Finland**

Hannele Niemi, Ph.D, is a Professor of Education at the University of Helsinki and First Vice-Rector for Academic Affairs (2003-). In addition, her responsibilities include knowledge management and technology-based learning environments as well as library development.

Hannele Niemi has participated as a member in many scientific councils such as the Standing Committee of Social Sciences of the European Science Foundation, the Council for Society and Culture in the Academy of Finland and the Scientific Council of the University of Helsinki.



She is Scientific Director of the national research programme "Life as Learning", Academy of Finland, 2002-2006 and a Steering Committee member of the British national research programme on Teaching and Learning. She is an advisory board member and/or reviewer for many scientific journals. As an education scientist, she has been a Chair or a researcher in many national and international evaluation projects for the development of educational research and teacher education. Her own research interest

areas are teachers' professional development, value education and technology-based learning environments. On the international and national levels, she has been involved in many expert and review tasks for the European Commission and in Finland, and has been a coordinator and partner in several EU projects.