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Policy Drivers and Economic Evidence

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SPEAKERS' BIOGRAPHIES



Erik Bartelsman is a Professor of Economics at the Vrije Universiteit in Amsterdam. His research interests focus on the sources of productivity growth, both from a micro and macro point of view. His recent work is on international comparisons of productivity and resource reallocation at the firm-level.

Previously he served as an economist at the Federal Reserve Board in Washington DC, as an advisor to the Board of Directors of Statistics Netherlands, and as Head of the Economic Research Department at the Ministry of Economic Affairs in the Netherlands.

Mr. Bartelsman is a Fellow of the Tinbergen Institute, and a consortium partner in the EU 6th Framework program EU KLEMS. In 2007, he was appointed member of the Netherlands Council of Economic Advisors (REA), and became a research fellow of the Institute for the Study of Labour (IZA). He holds a BS degree from MIT, MS and Ph.D. degrees from Columbia University.



Erik Brynjolfsson is the Director of the MIT Center for Digital Business, the Schussel Family Professor at the MIT Sloan School, Research Associate at the NBER, and Chairman of the MIT Sloan Management Review. His research examines the effects of information technologies on business strategy, productivity and performance, Internet commerce, pricing models and intangible assets. At MIT, he teaches courses on the Economics of Information.

He was among the first researchers to measure the productivity contributions of IT and the complementary role of organisational capital and other intangibles.

His research also provided the first quantification of the value of online product variety, often known as the “Long Tail” and developed pricing and bundling models for information goods. His recent work examines the social networks revealed by digital information flows, such as email traffic, and their relationships to information worker productivity. Mr. Brynjolfsson’s research has appeared in leading economics, management and science journals. It has been recognised with nine Best Paper awards and five patents.

He holds BS and MS degrees from Harvard University in Applied Mathematics and Decision Sciences and a Ph.D. from MIT in Managerial Economics.



Gilbert Cette is the Director of Microeconomic and Structural Studies at Banque de France since 2008. He is also Associate Professor in Economics at the Université de la Méditerranée and a member of Conseil d'analyse économique – CAE (Economic Analysis Council).

Previously, Mr. Cette was Director of Macroeconomic Analyses and Forecasting and Deputy Director for Economic Studies and Research at Banque de France.

From 1997 to 2000, he was scientific counsellor of the CAE. Between 1998 and 2000, he worked at the French Ministry of Employment as technical counsellor.

Mr. Cette's research expertise covers Macroeconomics, Growth, Productivity Analysis, Economics of Production and Labour Economics.

He holds a Ph.D in Economics from the Université Paris 1 Panthéon-Sorbonne and is formally accredited to lead research in Economics.



Tony Clayton is Chief Economist of the UK Intellectual Property Office since 2009. He leads the Economics, Research and Evidence team in charge of research on property rights in the knowledge economy, firm-level incentives and IPRs, copyrights and digital markets, design rights use, IP enforcement costs and university-industry knowledge transfers.

Before IPO, Mr. Clayton was Director of Economic Analysis at the UK's Office for National Statistics (ONS) where he led studies on productivity, ICT, globalisation and technology impact and conducted projects across the EU on economic impacts of ICT.

Mr. Clayton joined ONS in 2001 from strategy consultancy PIMS. As Director there he developed early evidence on innovation for growth and jobs in the EU's Lisbon Strategy, and on branding as a key element in innovation. He also developed consulting analytical approaches on innovation for major international firms. His working experience covers leading projects in ICT, pharmaceuticals and chemicals, energy industries, consumer durable and non-durable marketing, as well as primary industries including minerals and steel.

He has degrees in Physics and Economics, and has published on economics, strategy and management, service innovation, globalisation, and the role of "intangibles" in business growth.



Elie Cohen is a Senior Researcher (CNRS) at the Cevipof and is a member of the Conseil d'analyse économique - CAE (Economic Analysis Council).

His expertise ranges from the industrial economy to public policy and from the international economy to the political economy of innovation.

Over the past few years, he has conducted research with Harvard and Bruegel on growth policies and European integration. He has also carried out a number of missions for international organisations such as the European Commission, UNDP, UNESCO and EIB.

Within the framework of the CAE, he has published a series of public policy papers covering subjects such as procedures for public bids, public service, higher education and industrial policy.

Elie Cohen is a graduate (with distinction) of Sciences Po Paris (Economics and Finance Section - 1972). He holds a PhD in Management from the Université Paris-Dauphine and is formally accredited to lead research in political science.



Detlef Eckert is Director "Policy Coordination and Strategy" in the Directorate General "Information Society and Media" (DG INFSO) of the European Commission in Brussels (Belgium). He is responsible for developing and incubating policies, notably with respect to the Digital Agenda, the ICT component of the 7th Framework Programme (FP7), and the Competitiveness and Innovation Programme (CIP). His Directorate is also responsible for economic and statistical analysis as well as evaluation and monitoring of all planned programmes and actions of DG INFSO.

From 2007 to 2009, he was Senior Advisor to the Director General of DG INFSO. From 2002 to 2006 he took personal leave to work for Microsoft as Director responsible for the implementation of the Trustworthy Computing (TWC) initiative in Europe, Middle East and Africa.

Before 2002, Mr. Eckert was Head of Division responsible for analysis and policy planning in the Directorate General Information Society; he launched a number of key policy initiatives that contributed to the full liberalisation of the European telecommunications markets in 1998. Other activities included the launch of the eEurope2002 and 2005 Action Plan which in the meantime has become the i2010 initiative. He was also responsible for a new network and information security policy at EU level leading inter alia to the foundation of the "European Network and Information Security Agency (ENISA)".

Mr. Eckert holds a Ph.D. from the University of Siegen (Germany).



Tobias Kretschmer is Professor of Management in Munich School of Management, Director at Institute for Strategy, Technology and Organisation (formerly Communication Economics), and Head of Department, Industrial Economics and New Technologies of IFO (Institute for Economic Research) in Munich, Germany.

Previously, Mr. Kretschmer was Research Professor at IFO, and Adjunct Associate Professor in Economics at the University of Tromsø (Norway).

He conducts research on Applied Industrial Organisation, Network Industries, Organisation Design and Competitive Strategy.

Mr. Kretschmer holds a Ph.D in Economics from the London Business School.



Jacques Mairesse is currently "Inspecteur Général" at INSEE (Institut National de la Statistique et des Etudes Economiques) and a senior researcher of the microeconomic laboratory (LMI) at CREST (Centre de Recherches en Economie et Statistique) and at GRECSTA (Groupe de Recherche en Economie et Statistique). He is also a scientific advisor to the Directorate for Firm Statistics at INSEE and Professor of Applied Econometrics of Research, Innovations and Productivity, School of Business and Economics, Maastricht University (The Netherlands). He is "Directeur d'Etudes" at EHESS (Ecole des Hautes Etudes en Sciences Sociales) since 1978 and a Research Associate of the NBER (National Bureau of Economic Research) since 1980.

His scholarly work has been mainly in the field of production economics and panel data econometrics, focusing on measurement of capital, productivity and technical change issues. He has been engaged in various comparative studies, using firm micro data for France and the United States or other countries, in particular to analyse research and development (R&D) activities and their effects on productivity. His main current topics of interest are in the economics of science, innovation and knowledge, with specific emphasis on performance evaluation at various levels of analysis (individual employee or scientist, firm or laboratory, industry or field...), and on the interaction of technical change (in particular ICT) and organisational change.



Lars-Henrik Myrmel-Johansen is the Norwegian General Director for ICT Policy and Government Reform in the Ministry of Government Administration and Reform.

He is currently responsible for overall ICT policy, eGovernment policies, government reform and public administration issues. In 2007-2008 he established the The Agency for Public Management and eGovernment (Difi) as its interim director.

Before starting in the ministry, he worked as a management consultant at McKinsey & Co. He also has an academic background as a researcher at the Institute for Research in Economics and Business Administration (Bergen) and at Fafo research institute (Oslo).

He holds a Ph.D. from the LSE.



Barbora Novotna is policy coordinator in at the DG Employment of the European Commission, in the unit for New Skills for New Jobs, Adaptation to Change, CSR, EGF. She contributes to drafting and implementation of the communication "Towards a jobs-rich recovery", notably the staff working document "Exploiting the employment potential of ICTs" and the skills part of the Communication. She also contributes to design and implementation of the projects announced in the "New Skills and Jobs" Europe 2020 flagship communication – especially EU Skills Panorama, EU Sectoral Councils and other.

Before joining the Commission, Ms. Novotna worked for almost four years as policy officer at the Ministry of Labour and Social Affairs in the Czech Republic. Her activities covered development and coordination of employment policies and the implementation EU initiatives, like New Skills for New Jobs initiative at national level. She was also representing the Ministry as alternate member in Employment Committee (EMCO) and in the EU network of Public Employment Services (PES) and the EU E-skills Steering Committee.



Karl Pichelmann is Research Adviser in the Directorate General for Economic and Financial Affairs of the European Commission and Associate Professor at the Université Libre de Bruxelles, Institut d'Etudes Européennes.

Previously, Mr. Pichelmann was Senior Economist at Institute for Advanced Studies and Lecturer at the Department of Economics of the University of Economics (Vienna).

He holds a Ph.D in Economics from the University of Vienna.



Lucilla Sioli is Head of the Economic and Statistical Analysis Unit in the Directorate General “Information Society and Media” (DG INFSO) of the European Commission. Her unit monitors economic trends and performance in the area of ICT and is responsible for the benchmarking activities in the information society.

Ms. Sioli holds a degree in Politics from the Catholic University of Milan (1989); a Doctorate in Economics from the University of Milan (1994) and a Ph.D. in Economics at University of Southampton (1999).



Vincenzo Spiezia is Head of the Information and Communication Technologies Unit in the Directorate for Science, Technology and Industry of the OCDE. He coordinates the activities of the Working Party on Indicators for the Information Society. His current research activities focus on the impact of ICT on economic growth, education, and innovation.

Before joining the OECD, Mr. Spiezia was Research Economist at the International Labour Office in Geneva, where he contributed to several studies about the economic effects of globalisation.

He holds a Ph.D. in Economics from University of Manchester. He is author of several publications in books and international journals about innovation and employment.



Romesh Vaitilingam is a writer and media consultant, and a member of the editorial board of Vox. He is the author of numerous articles and several successful books in economics, finance, business and public policy, including *The Financial Times Guide to Using the Financial Pages* (FT-Prentice Hall), now in its sixth edition (2011). As a specialist in translating economic and financial concepts into everyday language, he has advised a number of government agencies and international institutions, including the European Central Bank, the European Bank for Reconstruction and Development and the UK's Department for International Development.

His work also involves consultancy for the economic research community, notably advising the Royal Economic Society, the Centre for Economic Performance at LSE and the Centre for Economic Policy Research on the management and development of their public profile; and training economists in communication skills. In 2003, he was awarded an MBE for services to economic and social science.



Marshall Van Alstyne is Associate Professor at Boston University and Visiting Professor at MIT.

His work concerns information economics. In designing information goods, this research concerns competitive strategy and network effects. In control over information, it concerns who has access to what information, when, and at what price. Work also balances open source principles against those that generate profits and stimulate innovation.

Mr. Van Alstyne was among the first to document productivity effects of IT and communications at the individual desktop level. His work has received an NSF Career Award, two best paper awards, and has appeared in *Science*, *Management Science*, *Harvard Business Review*, and the popular press.

He received a BA degree from Yale, an MS and Ph.D. degrees from MIT.



Bart Van Ark is Executive Vice President and Chief Economist of The Conference Board, a global research organisation with its head office in New York City (United States).

He is an expert in international comparative studies of economic performance, productivity, and innovation. As a consulting director of international economic research for The Conference Board for 10 years he was responsible for its flagship publication on productivity and instrumental in helping to expand its comparative analytical capabilities to include productivity and labor and consumer-market research across countries and regions.

Mr. Van Ark is also a professor in Economic Development, Technological Change and Growth at the University of Groningen (The Netherlands) where he holds the university's chair in Economic Development, Technological Change and Growth. He is a former director and current member of the Groningen Growth and Development Centre.

He obtained his MS and Ph.D. degrees in economics from the University of Groningen. From 1988 to 1990 he worked as a research associate with the National Institute of Economic and Social Research (UK) on international comparisons of economic performance in Europe. He has participated in international research projects such as the Productivity Research Program of the McKinsey Global Institute. He is a member of the editorial boards of several academic journals and serves on various advisory committees in the areas of productivity and national accounts.

Judith Winternitz is currently Assistant Secretary and Special Adviser in Research and Statistics at the Department of Broadband, Communications and the Digital Economy in Australia.

Her main responsibilities are to lead and co-ordinate the Department's research and evaluation activities and provide the central liaison point on research and statistics issues with other Government agencies and with international organisations such as the OECD, ITU, APEC-Tel; provide central policy liaison point for all Australian Bureau of Statistics collections related to the Department; lead the Research, Statistics and Technology Branch, providing research support across the full range of Departmental functions and undertake major program evaluations.

Previously, Ms. Winternitz was Deputy Executive Director (Assistant Secretary) at the Regional Research and Statistics Branch of the Bureau of Transport and Regional Economics (Department of Transport and Regional Services).

She holds a Ph.D. in History from the University of Sydney (Australia).



Andrew Wyckoff is the Director of the OECD's Directorate for Science, Technology and Industry (STI) where he oversees OECD's work on innovation, business dynamics, science and technology, information and communication technology policy as well as the statistical work associated with each of these areas.

He was previously Head of the Information, Computer and Communications Policy (ICCP) division at the OECD which supports the organisation's work on information society as well as consumer policy issues. Before heading ICCP, he was the head of STI's Economic Analysis and Statistics Division which develops methodological guidelines, collects statistics and undertakes empirical analysis in support of science, technology and innovation policy analysis.

His experience prior to the OECD includes being a program manager of the Information, Telecommunications and Commerce program of the US Congressional Office of Technology Assessment (OTA), an economist at the US National Science Foundation (NSF) and a programmer at The Brookings Institution.

Mr. Wyckoff holds a BA in Economics from the University of Vermont, and a Master of Public Policy from the JFK School of Government, Harvard University.