

TECHNOLOGY FORESIGHT FORUM 2016 - THE ECONOMIC AND SOCIAL IMPLICATIONS OF ARTIFICIAL INTELLIGENCE

SPEAKERS

Chair of the Forum: Mr. Jørgen Abild Andersen, Chairman, OECD Committee on Digital Economy Policy (CDEP)

Since 2010 Jørgen Abild Andersen has served as chair of OECD's Committee on Digital Economy Policy (CDEP). In the committee he represents the Danish Ministry of Business and Growth. From 1991 to 2012 Mr Abild Andersen served as Director General and national telecom regulator in Denmark. Mr. Abild Andersen chaired the EU Commission's Radio Spectrum Policy Group (RSPG) 2003-2004 and the EU Commission's European Regulators Group (ERG) in 2005. In 2013 Mr. Abild Andersen was a member of ICANN's Accountability and Transparency Review Team 2 (ATRT 2). Mr. Abild Andersen started his career as civil servant in the Danish Ministry of Transport and for a three year period he served as the minister's principal private secretary. Mr Abild Andersen gained a Masters of Law from the University of Copenhagen in 1975.



1. WELCOME REMARKS



Mr. Andrew Wyckoff, Director for Science, Technology and Innovation, OECD

Andrew W. Wyckoff is the Director of the OECD's Directorate for Science, Technology and Innovation (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. His experience prior to the OECD includes positions at the US Congressional Office of Technology Assessment (OTA), the US National Science Foundation (NSF) and The Brookings Institution.

2. KEY ARTIFICIAL INTELLIGENCE (AI) DEVELOPMENTS AND APPLICATIONS: TODAY AND TOMORROW

Mr. Yves Demazeau, Research Director, Centre national de la recherche scientifique (CNRS), France

Yves Demazeau is Director of Research at the French CNRS, President of the French Association for Artificial Intelligence (AFIA), External Professor at the University of Southern Denmark and an active author, editor, lecturer and thesis advisor. He received his PhD in Computer Science at Grenoble National Polytechnic Institute. Mr. Demazeau is one of the co-founders of the Multi-Agent Systems (MAS); one of the 10 main subdomains of Artificial Intelligence. He is also well known for developing applications in autonomous robotics, bio-inspired robotics, computer vision systems, energy management, geographical information, interactive games, natural language processing, personal assistance, support for artistic creation, telecommunications, and web Intelligence. Mr. Demazeau's recent research in AI addresses: end-user centration, from individuals to groups; privacy issues and trust concerns; observation and evaluation of large-scale systems; and the ethical design of large-scale agent-based systems. His current favourite application domains are: services to people, bio-inspired robotics, energy management, and financial modelling.



Mr. Olivier Ezratty, Innovation Strategies Consulting



Olivier Ezratty is a freelance innovation expert helping organizations shape their product, ecosystem and business strategies. He is engaged in many startup and innovation communities: coaching and doing startups due diligences for investors, working in various verticals (telcos, healthcare, ...) and as guest university speaker. He shares his techno-screening perspectives on his blog "Opinions Libres" (<http://www.oezratty.net>) including his in-depth report on the Las Vegas International CES published every January since 2006 and the Startup Guide.

Mr. Jonathan Sage, Governmental Programmes Executive, EMEA lead on cyber security and cloud computing policy, IBM

Jonathan is the EU policy lead on AI within IBM's Government and Regulatory Affairs team. He has wide experience of technology policy issues, also covering cyber security and cloud computing. He has previously worked with IBM research on European research programmes, also in international trade for UK Government and as a university lecturer in business studies. He holds an MA University of Oxford and an MBA from Henley Business School, UK.



Ms. Ophélie Gerullis, Public Policy Manager, Facebook

Ms. Ophélie Gerullis is a Public Policy Manager at Facebook. She graduated in 2015 from the London School of Economics and the French Institut d'Etudes politiques de Paris with a Masters Degree in European Studies.



Ms. Lynette Webb, Senior Manager, European Policy Strategy, Google

Lynette Webb has worked for Google since 2007, first as researcher and speechwriter for the head of Google Europe, and now in the European Policy Strategy team focusing on issues relating to leading-edge technologies and their application. Previously, Lynette spent 6 years working within Aegis Media, advising agency teams on emerging digital media and communications trends. Prior roles included business development for News Corp's European arm and 4 years consulting for McKinsey. She has an MBA from New York University and a B.Sc (Hons) majoring in Mathematics from the University of Melbourne.



3. ARTIFICIAL INTELLIGENCE AND SOCIETY: THE CHALLENGES AHEAD

Ms. Yuko Harayama, Executive Member, Council for Science and Technology Policy, (CSTI) Cabinet Office of Japan (via video link)



Yuko Harayama is an Executive Member of the Council for Science, Technology and Innovation (CSTI) at the Cabinet Office. Prior to joining the CSTI, she spent two years at the OECD as the Deputy Director of the Directorate for Science, Technology and Industry (STI), and ten years at the Graduate School of Engineering of Tohoku University as a professor of Science and Technology Policy. In Japan, she served as a member of different commissions related to

Science, Technology and Innovation at Cabinet Office and Ministerial levels. Ms. Harayama holds a Ph.D. in Education Sciences and a Ph.D. in Economics both from the University of Geneva. She has received Chevalier de la Légion d'honneur in 2011.

4. PUBLIC POLICY CONSIDERATIONS RAISED BY AI



Mr. Susumu [Hirano](#), Faculty of Policy Studies / Professor, Dean, Graduate School of Policy Studies, Chuo University

Dr. Susumu Hirano is Professor of Law, Faculty of Policy Studies / Graduate School of Policy Studies (Dean), Chuo University. He received his doctoral degree in Policy Studies at Graduate School of Policy Studies, Chuo University. Dr. Hirano has experienced both in private sector and academia and leads legal research in areas such as Robotics and Law and Cyber law. Dr. Hirano is one of the core members of Conference on Promotion of AI Network Society, held by Ministry of Internal Affairs and Communications, Japan and provides valuable inputs to the government

discussion on issues arising from integration of AI into society.

[Ms. Joanna Bryson](#), Reader at University of Bath, and Affiliate, Center for Information Technology Policy at Princeton University

Joanna J. Bryson is a transdisciplinary researcher on the structure and dynamics of human- and animal-like intelligence. Her research covers topics ranging from artificial intelligence, through autonomy and robot ethics, and on to human cooperation. She holds degrees in Psychology from Chicago (AB) and Edinburgh (MPhil), and Artificial Intelligence from Edinburgh (MSc) and MIT (ScD). She has additional professional research experience from Oxford, Harvard, and LEGO, and technical experience in Chicago's financial industry, and international organization management consultancy. Bryson is presently a Reader (associate professor) at the University of Bath, and an affiliate of Princeton's Center for Information Technology Policy



[Mr. Cyrus Hodes](#), Director for Artificial Intelligence and Representative for the MENA Region, The Future Society @ Harvard Kennedy School of Government



Cyrus is passionate about radically disruptive technologies & their impacts on society, notably AI, which he believes will bring massively positive changes to mankind provided that safeguards are in place. Cyrus is based in Abu Dhabi where he co-founded and runs a robotics firm (Smart City Robotics) and has 25 years of experience liaising between the private sector and governments offering consultancy and procurement solutions. He has managed large teams under stress (1,100 staff in wartime condition in Kabul) as well as in corporate environments as a strategy consultant for Fortune 500 firms in Europe, the US, Asia, Central Asia, Russia, Middle East, the Indian sub-continent and sub-Saharan Africa.

Cyrus was educated at Sciences Po Paris, holds an MA in Defense and Industrial Dynamics from the University of Paris II and a MPA from the Harvard Kennedy School. He is the President of Sciences Po Alumni in the UAE and the MENA representative of The Future Society at Harvard Kennedy School, as well as co-founder and Director of its AI Initiative.

Ms. Cornelia Kutterer, Director of Digital Policy, Microsoft EMEA

Cornelia leads Microsoft’s digital policy efforts for Europe, Middle East & Africa with a focus on telecommunication, Internet jurisdiction, media and consumer laws. Prior to that role, she represented Microsoft in privacy, security & cloud computing regulatory matters. Cornelia Kutterer leads Microsoft's digital policy strategy for Europe, Middle East and Africa, focusing on issues related to the digital economy, the single market, and connectivity, as well as media and consumer laws. Prior to this, she represented Microsoft on privacy and security matters at an EU institutional level. She has long-standing experience in information society and internet policies and represents Microsoft in various trade organizations. Cornelia was previously Head of the Legal Department and Senior Legal Advisor at BEUC, the European consumer organization. She also has experience within a top 10 law firm in the fields of competition law and regulatory affairs, and in a German trade organization. She began her career in 1997, as political advisor to an MEP in the European Parliament. Cornelia Kutterer is a qualified lawyer in Germany, and holds a master's degree in information technology and telecommunication laws. She studied law at the Universities of Passau (Germany), Porto (Portugal), Hamburg (Germany) and Strathclyde (UK).



Mr. Tatsuya Kurosaka, Project Assistant Professor at Keio University Graduate School of Media and Governance

Mr. Tatsuya Kurosaka is Project Assistant Professor at Keio University Graduate School of Media and Governance, and Consulting Fellow, Institute for Information and Communications Policy, Ministry of Internal Affairs and Communications (MIC), Japan. He received his Master of Media and Governance at Graduate School of Media and Governance, Keio University. Mr. Kurosaka has vast knowledge of ICT and related affairs through the experience of supporting industry, and contributes to the government discussion on the issues brought by emerging technologies including AI as a member of various government committees. Mr. Kurosaka also contributed to discussions at OECD as a member of Japanese delegation to ICCP WPISP and WPIE.

5. WRAP-UP AND NEXT STEPS

Ms. Anne Carblanc, Head of OECD Division on Digital Economy Policy

Anne Carblanc is Principal Administrator in the Information Computer and Communications Policy Division of the OECD where she has been responsible for policy issues concerning the protection of personal data and privacy since 1997. She was previously a judge in charge of criminal investigations (juge d'instruction) at the Tribunal of Paris. From 1992 to 1996 she was Secretary General of the CNIL, the French data protection authority, and from 1985 to 1992 Head of the criminal legislative unit in the Ministry of Justice. From 1983 to 1985, she was a "juge d'instruction" at the Tribunal of Orléans. Anne Carblanc has a degree in modern languages and literature and a Master's degree in Law. She is also a graduate (Promotion 1981) of the "Ecole Nationale de la Magistrature".

