

Science Meets Parliaments

*The Role of Science in 21st Century
Policy-Making*

6-7 February 2019

European Parliament
(Yehudi Menuhin Space)



#EUsci4Parl



Scientific knowledge has an important role to play when policy-makers take decisions on societal challenges from climate change to feeding the world, from an ageing population to energy security. Scientific advice should be effectively integrated into the decision-making process in order to ensure a sound basis for public policies and political decisions that will yield successful results.

In order to promote a culture of evidence-informed policy making, the **Joint Research Centre (JRC)** of the **European Commission** together with the **European Parliament's Panel for the Future of Science and Technology (STOA)** launched the *Science meets Parliaments* initiative at the **European Parliament** in Brussels in 2015. The objective of the initiative is to build closer links between scientists and policy-makers at EU, national and regional levels and enhance the role of science in policy through regular dialogue. This year's event will mark the official opening of the EU Pilot project *Science meets Parliaments/Science meets Regions* which will bring the initiative to member states and support the joint efforts of scientists and policy makers to find solutions tailored to the local context.

This year, the event will discuss **how science can play a bigger role in 21st century policy making**. It will offer a series of discussions ranging from how artificial intelligence may impact our lives to building resilient societies and engaging citizens in decision-making. It will be accompanied by the exhibition *Putting Science at the Heart of European Policy-Making* which will feature the contribution of science to making sound and successful public policies which directly benefit citizens' lives. The exhibition will focus on migration, resilience, mobility, fairness, and digital transformation and will be complemented by the virtual reality exhibition *Artefacts* and the Science & Art project *Smile to vote*.

6 February

8:30-9:30

Registration

9:30-10:00

Opening and welcome

- ▶ **Eva Kaili**, MEP, Chair of STOA
- ▶ **Vladimir Šucha**, Director-General, Joint Research Centre (JRC)

10:00-11:15

Discussion panel: *Artificial Intelligence: what are the impacts on our society?*

- ▶ **Alessandro Annoni**, JRC, Setting the scene
- ▶ **Catelijne Muller**, Chair of the Study group on artificial intelligence of the European Economic and Social Committee
- ▶ **Mady Delvaux**, MEP, European Parliament rapporteur on Civil Rules on robotics
- ▶ **Ashley Fox**, MEP, European Parliament rapporteur on a Comprehensive European industrial policy on artificial intelligence and robotics

MODERATOR: **Massimo Craglia**, JRC
(Q&A)

11:15-11:30

Coffee break (participants are invited to discover the JRC exhibition, the **Virtual Reality area**, and the Science & Art project *Smile-to-Vote*; all exhibits will be available through the event)

11:30-13:00

Interactive sessions (places may be limited):

- 1. How to communicate science - a design thinking workshop**
- 2. The Future of Government game: exploring power relations in 2030 + society**
- 3. How to design an Innovation camp – methodology and best practices**

13:00-14:00

Opening of the JRC Exhibition *Putting Science at the Heart of European Policy-Making* by Commissioner **Tibor Navracsics** (Lunch)

14:00-14:30

High-level session hosted by **Vladimir Šucha**, Director-General, JRC.
Interventions by:

- ▶ **Antonio Tajani**, President of the European Parliament
- ▶ **Tibor Navracsics**, Commissioner for Education, Culture, Youth and Sports
- ▶ **Jerzy Buzek**, Chair of the Committee on Industry, Research and Energy of the European Parliament

14:30-15:15

Key note lecture by **Yascha Mounk**, John Hopkins University, author of *People vs. Democracy*
(Q&A)

15:15-16:00

Beyond the bubble: Science for regions, science for citizens, Launch of the Pilot Project *Science meets Parliaments/ Science meets Regions*

- ▶ **Paul Rübige**, MEP, Vice-chair of STOA
- ▶ **Vladimir Šucha**, Director-General of JRC
- ▶ **Cristophe Clergeau**, Member of the Committee of the Regions

MODERATOR: **Charlina Vitcheva**, Deputy Director-General, JRC
(Q&A)

16:00-16:15

Coffee break

16:15-17:45

Discussion Panel: *How to fix our societies: facts, values, perceptions and citizen engagement*

- ▶ **Laura Smillie**, JRC Presentation of the Enlightenment 2.0. project
- ▶ **Claudia Tapardel**, MEP
- ▶ **Stephan Lewandowsky**, University of Bristol
- ▶ **Gaby Umbach**, European University Institute

MODERATOR: **Joe Lynam**, European Commission
(Q&A)

7 February

8:15-9:00

Registration

9:00-9:30

Opening of Day 2

- ▶ **Vladimir Šucha**, Director-General, JRC
- ▶ **Prof. Jörg Hacker**, President of the German National Academy of Sciences Leopoldina

9:30-10:30

The MIDAS touch: Opening up the Commission's knowledge base for model use in EU policy making

Demonstration of the modelling inventory by **Nicole Ostländer**, JRC

- ▶ **Vladimir Šucha**, Director-General, JRC
- ▶ **Anthony Teasdale**, Director-General, European Parliament Research Service
- ▶ **Pia Ahrenkilde-Hansen**, Deputy Secretary-General, European Commission
- ▶ **Andreas Kopp**, Member of the Regulatory scrutiny board, European Commission

MODERATOR: **Maive Rute**, Deputy Director-General, JRC

10:30-10:45

Coffee Break

10:45-13:00

Interactive sessions (places may be limited):

- 1. Designing migration policies - scenario exploration workshop**
- 2. Decision time - a role-playing game**
- 3. Science meets Regions - sharing experiences**

13:00-14:00

Lunch break

PARALLEL SESSIONS

14:00-15:30 (Parallel Session 1)

Discussion panel: *Navigating in a turbulent future: towards a more resilient society*

- ▶ **Francesca Campolongo**, JRC, setting the scene
- ▶ **Danuta Jazlowiecka**, MEP
- ▶ **Ann Mettler**, Head of the European Political Strategy Centre
- ▶ **Karl Pichelmann**, DG ECFIN
- ▶ **Dharmendra Kanani**, Friends of Europe

MODERATOR: **William Hynes**, New Approaches to Economic Challenges, OECD

14:00-15:30 (Parallel Session 2)

Round table discussion: *Shaping the future of transport: living labs and smart regulation to address its complexity*

- ▶ **Biagio Ciuffo**, JRC Setting the scene
- ▶ **Ismail Ertug**, MEP tbc
- ▶ **Jaak Aaviksoo**, Rector of the Tallinn University of Technology
- ▶ **Maria Iglesias**, JRC
- ▶ **Monica Giannini**, ERTICO
- ▶ **Peter Janevik**, Astazero Living Lab

MODERATOR: **Maive Rute**, Deputy Director-General, JRC

15:30

End of the event

18:00

End of exhibition

Speakers

► **EVA KAILI**, MEP & STOA CHAIR (S&D, GR)



Eva Kaili is an MEP and a member of the Group of the Progressive Alliance of Socialists and Democrats in the European Parliament. She is Chair of the STOA Panel, as well as Chair of the Delegation for relations with the NATO Parliamentary Assembly, a member of the Committee on Industry, Research and Energy, of the Conference of Delegation Chairs, She has, been working intensively on promoting innovation as a driving force of the establishment of the European Digital Single Market and has been particularly active in the fields of AI, blockchain technology, big data, fintech and cybersecurity. She has an undergraduate degree in Engineering from Aristotle University of Thessaloniki and a Master's degree in International Relations from the University of Piraeus and has served as Member of the Greek parliament from 2007 to 2012.

► **VLADIMÍR ŠUCHA**, Director General of the Joint Research Centre, European Commission



Vladimír Šucha is Director-General of the Joint Research Centre of the European Commission, its in-house scientific service. He held the position previously of the Deputy Director- General of the JRC in 2012. He also was the director for culture and media within the Directorate-General for Education and Culture, a position he held for 6 years. Alongside this work he has also undertaken an academic career through visiting both scientists and professors at academic institutions and himself being a professor in Slovakia. He has had over 100 scientific papers published in peer reviewed journals.

► **ALESSANDRO ANNONI**, Head of Digital economy Unit in the European Commission's Joint Research Centre (JRC)



Since 1997 Alessandro Annoni is working in European Commission's Joint Research Centre (JRC). He is the Head of the Digital Economy Unit that provides quantitative and qualitative socio-economic research in support to the Digital Economy,

Digital Living and Digital Society. The Unit analyses data value chains and the conditions relating to their development. It also provides the technical coordination of the INSPIRE Directive developing an European Spatial Data Infrastructure for sharing data, information and knowledge.

Alessandro graduated in Physics from the University of Milan. Before joining the European Commission, he worked for several years in the private sector (1979-1996) and managed companies specialising in advanced studies in Remote Sensing, Earth Observation, Geomatics and Software and Information Systems development.

Since 2006 Alessandro served as co-chair of the Architecture and Data Committee of the Group on Earth Observations (GEO) and is now member of the GEO Program Board. He is currently Vice President of the International Society for Digital Earth (ISDE).

Alessandro has been awarded the 2013 Ian McHarg Medal of the European Geosciences Union reserved for distinguished research in Information Technology applied to Earth and space sciences. In 2016 he received the Digital Earth Science and Technology Contribution Award from Chinese Academy of Science for outstanding contribution to advancing the development of Digital Earth.

► **CATELIJNE MULLER**, President ALLAI, Expert on Artificial Intelligence and Society, Master of Laws



Catelijne Muller is President of ALLAI, the Dutch Alliance on Artificial Intelligence and the first national alliance to bring together all stakeholders around the topic of Responsible AI. She is a member of EU High Level Expert Group on AI, that advises the European Commission on economic, social, legal and ethical strategies for AI. She was Rapporteur of the EESC opinion on Artificial Intelligence and Society that was adopted on May 31, 2017 and heads the EESC Thematic Study Group on AI. She is the director of Muller AI, a consulting and strategy firm on "Responsible AI". Catelijne is a Master of Laws by training and worked as a Dutch qualified lawyer for over 14 years prior to committing her efforts to the topic of Responsible AI.

► **MADY DELVAUX-STEHRES**, MEP



Mady Delvaux-Stehres is a Luxemburgish Socialist MEP. She is Vice-chair of the JURI committee and substitute in the ECON committee. She was rapporteur of the report on Civil Law Rules

on Robotics and Chair of the Working Group on Robotics and Artificial Intelligence. Prior to being elected to the European Parliament in 2014, she held various ministerial positions in Luxembourgish Governments over the past 20 years. She was notably Minister for Education and Minister of Social Security, Transport and Communication.

► **ASHLEY FOX, MEP**



► **MASSIMO CRAGLIA, Scientist at the JRC**



Massimo Craglia is a lead scientist at the European Commission Joint Research Centre, Digital Economy Unit, responsible for projects addressing the evolution of the space data economy and the geospatial sector, and new forms of governance in digitally-transformed societies. He was the lead editor of the JRC policy report on Artificial Intelligence. Massimo has a bachelor degree in civil engineering from the Politecnico of Milan, and a Masters and a PhD in urban and regional planning from the universities of Edinburgh and Sheffield, respectively. He has published extensively on socio-economic impacts and applications of geographic information systems and science.

► **TIBOR NAVRACSICS, European Commissioner for Education, Culture, Youth and Sport**



Tibor Navracsics is European Commissioner for Education, Culture, Youth and Sport. His area of responsibility also includes the Joint Research Centre. Before, he served as Minister of Foreign Affairs and Trade from June to September 2014 and as Minister of Public Administration and Justice between 2010 and 2014.

In 1990 he received his diploma from ELTE Faculty of Law and Political Sciences. He also holds a PhD in political science. After finishing his studies, he was employed at Veszprém City Court and Veszprém County Council. Between 1993 and

1997 he was an assistant lecturer at Budapest University of Economics and between 1996 and 1997 also a guest lecturer at the University of Brighton. In 1997 he became Senior lecturer and later Associate professor at the Faculty of Law and Political Sciences at ELTE. From 1998 to 2002 he worked as Head of Department at the Hungarian Prime Minister's Office and in 2003 he became Cabinet Chief to the President of the Fidesz – Hungarian Civic Union. In 2006 he was elected Member of Parliament for Veszprém county.

► **ANTONIO TAJANI, President of the European Parliament**



President of the European Parliament since January 2017. He previously served as one of the fourteen Vice-Presidents of the European Parliament from 2014 to 2016, European Commissioner for Industry and Entrepreneurship from 2010 to 2014 and European Commissioner for Transport from 2008 to 2010. He has been a Member of the European Parliament (MEP) for Italy since 2014 and previously from 1994 to 2008

► **JERZY BUZEK, Chairman of the EP Committee on Industry, Research and Energy**



Jerzy Buzek is a Polish scholar and politician, former Prime Minister of Poland (1997-2001) and former President of the European Parliament (2009-2012). Member of the European Parliament since 2004, he is currently chairing the EP's Committee on Industry, Research and Energy (ITRE) and the Conference of Committee Chairs. He is the European Parliament's rapporteur for the Security of Gas Supply Regulation, and formerly also for EU Internal Energy Market, European Strategic Energy Technology Plan (SET-Plan) and EU's 7th Framework Programme for Research.

► **PAUL RÜBIG, MEP & STOA First Vice-Chair (EPP, AT)**



Paul Rübzig is Member of the European Parliament, Vice-Chair of the STOA Panel, and member of the Committee on Industry, Research and Energy and of the Committee

on Budgets, Vice-Chair of the Delegation for relations with the Korean Peninsula. Furthermore he is President of SME Global, Chairman of the WTO Steering Group in the European Parliament and Chairman of the Parliamentary Conference of the WTO. In addition, he is a substitute member of the Delegation for relations with Switzerland and Norway and of the EU-Iceland Joint Parliamentary Committee, the European Economic Area Joint Parliamentary Committee, the Committee on International Trade and the Committee on Development. He has a degree in Business Administration, Marketing and Production Engineering from the University of Linz, Upper Austria.

► **CHRISTOPHE CLERGEAU**, member of the European Committee of the Regions



Christophe Clergeau is a member of the European Committee of the Regions (CoR) and the Regional Council of Pays-de-la-Loire. He is the CoR Rapporteur on Horizon Europe: The Framework Programme 9 for Research and Innovation. He is also active in sphere of maritime affairs and renewable energy

► **CHARLINA VITCHEVA**, Deputy Director General of the JRC



Charlina Vitcheva was appointed Deputy Director General of the JRC in September 2016.

Previous to this, she was Director of Smart and Sustainable Growth and Southern Europe at DG Regional and Urban Policy, and also held a position in Inclusive Growth, Territorial and Urban Development and Northern Europe.

Before joining the Commission, Charlina spent 15 years in the Bulgarian public administration including at the Permanent Representation in Brussels, dealing mainly with agricultural and fisheries issues.

During this period, she was actively involved in the accession negotiations of Bulgaria and headed, between 2000 and 2004, the negotiations teams in the area of agriculture and rural development, food safety and fisheries.

► **LAURA SMILLIE**, JRC Presentation of the Enlightenment 2.0. project



Prior to joining the European Commission in 2017, Laura Smillie was the Director of External Relations at the internationally renowned institute, Rothamsted Research.

Having successfully completed a Masters in European Communications, specialising in the psychology of cultural diversity, Laura spent 2 years heading up internal and external communications for the international business services firm Deloitte. Thereafter, she worked for 5 years as a senior communications consultant for Ogilvy Public Relations Worldwide. She spent the following 5 years heading up communications for the not-for-profit European Food Information Council (EUFIC). In 2010, Laura was appointed Senior Communications Adviser and Deputy Director of Communications to the European Food Safety Authority (EFSA).

In her current role, at the Joint Research Centre, Laura is tasked with heading-up the Enlightenment 2.0 project for the European Commission. It aims to explore the extent to which facts, values and social relations affect political behaviour and decision-making.

Throughout her career, Laura has been working at the science/policy interface. In addition to her practical experience in the fields of global food-chain policy, risk communications, and extensive stakeholder management, Laura has developed and published a model for optimising the communication of scientific risk and uncertainty; she is also the former Chair of the Crisis & Risk Communications Working Group of the European Association of Communication Directors.

► **CLAUDIA ȚAPARDEL**, MEP



Claudia Țapardel is a Romanian Member of the European Parliament for the Progressive Alliance of Socialists and Democrats (S&D). Elected in May 2014, she is currently one of the youngest MEP in the European Union.

In the European Parliament, Țapardel is a member of the Committee on Transport and Tourism. Committee for Constitutional Affairs and the Delegation for relations with the countries of South Asia. She is a substitute member in the Committee on Budgets, the Parliamentary Delegation for relations with Mexico, and the Parliamentary Delegation for relations with Latin American countries.

Țapardel is an economist, licensed in both Administrative Sciences (Academy of Economic Studies – Faculty of Public Administration and Management) and Banking Management (Romanian Banking Institute – School of Management, specializing in Finance – Banks). In April 2003 and April 2006 she obtained special awards at the Student Scientific and Communication Sessions.

She earned a PhD in Economics from the Academy of Economic Studies, specializing in management and strategic planning in local communities in Romania. She also holds a Master degree in International Business (from the Academy of Economic Studies, Faculty of International Economic Relations), a Master degree in International Conflict Analysis and Resolution (from the National School of Political Science and Public Administration, Department of International Relations and European Integration), and a Master degree in Public Management (from the “Ovidiu Șincai” Social Democratic Institute).

Țapardel has been a member of the Social Democratic Party since January 2002. She served as spokesperson for the Youth Organization of the PSD (Social Democratic Youth). She was also the vice-president of the Bucharest Organization of PSD and Vice President of the Young Social Democrats.

► **STEPHAN LEWANDOWSKY**, (Advisor), University of Bristol



Stephan Lewandowsky (Advisor) is a professor of cognitive science at the University of Bristol and received a Wolfson Research Merit Fellowship from the Royal Society upon moving to the UK in 2013. He was appointed a Fellow of the Academy of Social Science and a Fellow of the Association of Psychological Science in 2017. In 2016, he was appointed a fellow of the Committee for Skeptical Inquiry for his commitment to science, rational inquiry and public education. His research examines people's memory, decision making, and knowledge structures, with a particular emphasis on how people update information in memory. His most recent research interests examine the potential conflict between human cognition and the physics of the global climate, which has led him into research in climate science and climate modelling.

► **GABY UMBACH**, European University Institute



Gaby Umbach is Visiting Fellow and Director of GlobalStat at the Robert Schuman Centre for Advanced Studies (RSC) of the European University Institute (EUI) in Florence, which she joined in 2010 as a Jean Monnet Fellow before becoming RSC Research Fellow in 2011. At the EUI, she also collaborates with the institute's School of Transnational Governance (STG), where she leads the new STG InnoHub, analysing Public Policy Innovation and Outcomes and contributing to executive training on evidence-based policy-making (EBPM). She is Adjunct Professor at the Universities of Cologne and Innsbruck and member of the Strategy and Coordination Unit of the European Parliamentary Research Service in Brussels. Her current research focuses on evidence-based policy-making, measuring as governance technique, global governance by indicators & sustainable development.

► **JOE LYNAM**, European Commission



After 17½ years as a senior presenter and correspondent in the BBC in London, Joe joined the DG COMM in Brussels in Sept last year.

His role is to tackle the scourge of Disinformation or 'fake news' as some in the White House like to call it. Joe was on the team which drafted the Action Plan on Disinformation which was agreed by the European Council in December. And now he's spreading the word all over world about what the EU is doing to fight fake news. He's already been mentioned in Forbes magazine and the Irish Times .

Joe has won many awards for his original journalism and may be a recognisable face for those of you who watch the BBC. He's a proud Irishman - from Dublin - whose wife is Estonian, so he's a role model for European integration.

► **PROFESSOR DR DR H.C. MULT. JÖRG HACKER**, President of the German National Academy of Sciences Leopoldina



Jörg Hacker is a microbiologist. His research focuses on the molecular analysis of pathogenic bacteria and host-microbe interaction. Since 1980, he worked at the Department of Microbiology at the University of Würzburg (Germany), where he was promoted to full professor in 1986. From 1993 until

2008 he directed the Würzburg Institute for Molecular Infectious Biology. He was Vice President of the German Research Foundation (DFG) and President of the Robert Koch Institute between 2008 and 2010. Since 2010, he has been President of the German National Academy of Sciences Leopoldina, the oldest natural sciences scholarly society in the world. He received numerous awards and became a member in various national and international academies, scientific societies and committees. He received several international research fellowships, amongst other at the Institute Pasteur in Paris and the Tel Aviv University. Between 2014 and 2016, he was a member of the Scientific Advisory Board of the UN Secretary-General Ban-Ki Moon. published in peer reviewed journals.

► **ANTHONY TEASDALE**, Director-General, European Parliament Research Service



Anthony Teasdale is Director General of the European Parliamentary Research Service (EPRS) and Senior Visiting Fellow at the European Institute of the London School of Economics (LSE). He has been a political adviser and civil servant in both London and Brussels. In Whitehall, he served as Special Adviser to Sir Geoffrey Howe during his time as UK Foreign Secretary, and to Kenneth Clarke as Chancellor of the Exchequer. Within the European Parliament, he was head of policy strategy and legislative planning for the EPP Group, deputy chief of staff to the President of the Parliament, and Director for EU Internal Policies, before taking up his current role in 2013. A former Research Fellow at Nuffield College, Oxford University (UK), Mr Teasdale is a co-author of *The Penguin Companion to European Union* (2012).

► **PIA AHRENKILDE HANSEN**, Deputy Secretary-General European Commission



Pia Ahrenkilde Hansen is the Deputy Secretary-General and Chief Operating Officer of the European Commission. She is in charge of corporate governance issues, better regulation, strategy, planning, decision-making processes and policy coordination on the multiannual financial framework.

She took up this position in May 2018 after having served as Director in the Commission's Directorate-General for Communication, in charge of the Commission's Representations in the Member States.

Prior to that, she was Chief Spokeswoman of the European Commission (2009-14) and Deputy Spokeswoman of the European

Commission (2004-09) under former Commission President Barroso, also in charge of Planning and Coordination of the Spokespersons' Service (SPP).

She began her career in political communication as Environment Spokeswoman in 1999 (Commissioner Margot Wallström), having previously held positions in the Commission's departments for Industry (1995-97) and Information, Communication and Culture (1997-99). Pia Ahrenkilde Hansen was a Schuman Scholar at the European Parliament (1989-90). She studied Business Administration and Modern Languages at the Copenhagen Business School and Political Science at the Institut d'études Politiques de Paris.

► **DR. ANDREAS KOPP**, Member of the Regulatory scrutiny board
Dr. Andreas Kopp is member of the Regulatory Scrutiny Board of



the European Commission. He was Lead Economist at the World Bank, mainly for the infrastructure sectors transport, energy, water and telecommunications. He has been chapter author of the World Development Reports on economic geography and climate change. Mr. Kopp was Chief Economist and Head of Research of the European Conference of Ministers of Transport at the OECD, organizing research input for policy working groups mainly through round tables and conferences and related publications. He was Professor for Macro- and Regional Economics at the Technical University of Dresden and teaches the evaluation of public policies and projects at the Technical University of Munich. He was Senior Economist at the Presidential Department of the Kiel Institute for the World Economy. He worked on development economics topics at the Centre for Regional Development at the University of Giessen and at the Hamburg Institute for International Economics. He did doctoral studies at the European University Institute in Florence and the economics department at the University of Giessen. He did post-doctoral research at the University of California at Berkeley.

► **MAIVE RUTE**, Deputy Director General of the JRC
In the Joint Research Centre, the science and knowledge service



of the European Commission, the responsibilities of Maive Rute have spanned from knowledge management to development of JRC organisation and sites in five countries. Prior to that, she has served as Director for Biotechnology, Director for Resources in DG Research as well as Director for Small Business and Entrepreneurship in DG Enterprise. Before joining the Commission in 2005, Maive was CEO of KredEx, the Estonian funding body for

businesses, innovation, housing and export. Maive Rute graduated as an economist from the Estonian University of Life Sciences. She holds an MBA from the Danube University, Austria, received an MA in international politics from CERIS, Brussels and has been a Visiting Research Fellow at Harvard University.

► **FRANCESCA CAMPOLONGO**, Head of the Finance & Economy Unit (JRC)

Francesca Campolongo is the Head of the 'Finance & Economy'



Unit of the European Commission Joint Research Centre. She has been working in the JRC since 1998. She has been actively involved in the work of the European Commission to create the Banking Union. She is currently leading a new project on societal resilience.

As background Francesca is a mathematician (she graduated in Pisa University, Italy) with a PhD in modeling and sensitivity analysis (Griffith University, Australia).

Working in support to EU policy makers she has developed skills in calibration and ex ante impact assessment of financial regulation, with particular attention to the banking sector.

► **DANUTA JAZLOWIECKA**, MEP

I graduated from a scholarship programme at Georgetown



University as well as the University of Wisconsin in the United States. I also undertook postgraduate studies on International Relations from the Pultusk Academy of Humanities. I completed studies regarding regional politics and structural funding at Luiss University in Rome, a scholarship programme at the Japan International Cooperation Agency in Tokio, as well as studies at the Danish School of Public Administration on strengthening implementation of the community acquis at regional level. I have taken part in studies in Denmark, Germany, Ireland, Spain, Portugal, France and Belgium. Based on these qualifications, I am familiar with ways of obtaining EU funds in a way that is most beneficial to our nation, region and their citizens. I use my knowledge to actively participate in European life.

For many years I worked in regional institutions intending to prepare our region for European integration. Together with my colleagues from Lower Silesia, I composed a strategy for the development of the Polish-Czech border. By exchanging information with partners abroad, as well as our neighbouring

regions, I was able to implement a brand-new, international programme – "A European Officer in Every Community" – by assembling almost a hundred specialists on European affairs. Together we were able to receive one of the first available grants of European funding, win the right to tens of projects and muster millions of euros of funding for use by our region. As a result, our citizens enjoy top levels of funding regional projects, the results of which are rated highly by the European Committee.

► **ANN METTLER**, Head of the European Political Strategy Centre



Ann METTLER is a Director-General at the European Commission where she heads the European Political Strategy Centre (EPSC), the in-house think tank which reports directly to President Juncker. In this capacity, Ann also serves as Chair of the European Strategy and Policy Analysis System (ESPAS), an inter-institutional project aimed at strengthening the EU's foresight capacity and anticipatory governance. The EPSC was awarded 'Best New Think Tank 2016' by the Global Go To Think Tank Index.

Prior to assuming this position in December 2014, Ann was for eleven years Executive Director of the Lisbon Council, a Brussels-based think tank she co-founded in 2003. From 2000-2003, she worked at the World Economic Forum, where she last served as Director for Europe.

Ann holds Masters Degrees in political science and European law and economics, and graduated with distinction from the University of New Mexico, USA, and the Rheinische Friedrich-Wilhelms-University in Bonn, Germany. She also completed the executive education course 'Innovative Technology Leader' at the Graduate School of Business at Stanford University, USA.

► **KARL PICHELMANN**, DG ECFIN



Karl Pichelmann, born 1956 in Vienna, has been at the European Commission since 1998, and he currently holds the position of a Senior Adviser in the Directorate General for Economic and Financial Affairs. Karl Pichelmann earned his Ph.D. in economics from the University of Vienna in 1983. Before joining the European Commission, he was a senior economist at the Institute for Advanced Studies in Vienna, where he also taught at the University for Economics and Business Administration. He held various

consultancy positions in the past, including a stint at the OECD in the context of the Jobs Study. From 2001-2014 he was also associated with the Institut d'Études Européennes at the Université Libre de Bruxelles.

His research, analysis and contributions to policy formulation focus on globalisation and European economic and monetary integration, and on the impact of the financial crisis on labour markets and social models in Europe. In DG ECFIN Karl Pichelmann plays a leading co-ordinating role across units and directorates in a wide array of activities in this field such as work on growth and inequality, wage and productivity dynamics, and mobility and migration, to name just a few. He has also hands-on experience in these issues as the person responsible in DG ECFIN for the Macroeconomic Dialogue, a high-level forum for the exchange of views between the European Commission, ECB, ECOFIN Council and the Social Partners. He also manages DG ECFIN's non-resident fellowship programme, and plays a key role in communication and interaction with the outside world, in particular the economic research community.

► **BIAGIO CIUFFO**, JRC Setting the scene



Biagio Ciuffo received the Ph.D. degree in transportation engineering from the University of Napoli Federico II in 2008. Then he held a three-year Post-Doctoral position at the European Commission Joint Research Centre (JRC), working at the sustainability assessment of traffic and transport related measures and policies. He is now a Scientific Officer of the JRC, where he leads different projects concerning the reduction of CO₂ emissions from road transport and the effect of introducing autonomous vehicles.

Biagio Ciuffo has published more than 50 papers in peer-reviewed journals and conference proceedings. He is associate editor for the IEEE Transactions on Intelligent Transportation Systems and acts as reviewer for several international journals.

For his research activities on the calibration of traffic simulation models he was awarded with the 2012 Greenshields Prize and with the 2013 SimSub Committee Prize from the Transportation Research Board of the US National Academy of Science.

► **PROF. JAAK AAVIKSOO**, Rector of the Tallinn University of Technology



Academician Jaak Aaviksoo (b. 1954) graduated cum laude from the University of Tartu in the field of theoretical physics in 1976 and received his PhD from the Institute of Physics, Estonian Academy of Sciences in 1981.

From 1976 to 1992 he was researcher at the Institute of Physics; from 1981 to 1992 he also worked as a guest professor at the Novosibirsk Institute of Thermal Physics, the Max Planck Institute for Solid State Research (Germany), Osaka University (Japan) and University of Paris (France).

From 1992 he was professor of optics and spectroscopy and vice-rector and from 1998 to 2007 Rector of the University of Tartu.

Prof. Aaviksoo has held the office of Minister of Education and Research (1995-1996 and 2011-2014) and Minister of Defence (2007-2011) has been a member of three compositions of the Estonian Parliament.

In September 2015 Jaak Aaviksoo was elected as Rector of TalTech University.

► **MARÍA IGLESIAS**, JRC



María is a legal officer at JRC, unit I.4: Intellectual Property and Technology Transfer.

Recently, she has been associated to the JRC work in the field of AI. She is co-author of the flagship report AI: a European perspective released in December 2018.

María has coordinated the joint EIT/JRC project "Legal and regulatory implication of AI" aiming at identifying the legal and regulatory challenges AI, and in particular autonomous cars, may rise.

► **MONICA GIANNINI**, Senior Manager, ERTICO



Monica has over 18 years of professional experience in the field of applied research and innovation. An electronic engineer with a master degree in control automation, Monica started her career as project manager in the manufacturing and testing sector. She

then developed her expertise in Intelligent Transport Systems as manager of several research and deployment projects. In August 2018, she joined ERTICO as senior manager and works in the fields of logistics and passenger transport. She believes that only through collaboration, a sustainable innovation in mobility can be achieved.

► **PETER JANEVIK**, Astazero Living Lab



Peter Janevik is the CEO of AstaZero, a unique and advanced test facility dedicated for autonomous vehicle technology in Sweden. He has a Master of Science in Applied Mechanics and Automotive Engineering.

Peter Janevik started his automotive career as a crash test engineer at Volvo Car Group in the year 2000. Soon he took on the responsibility as liaison Engineer for Jaguar/Land Rover as well as Aston Martin. At this time the car industry were starting to shift safety development focus towards advanced preventive safety technology, and Peter Janevik became Director for Active Safety & Chassis at Volvo Cars Shanghai in 2010.

In 2013 Peter Janevik was headhunted by Astazero for the job as Chief Technology Engineer. Since January 2017 Peter Janevik holds the CEO position, with a mission to make Astazero a world leading test bed for the R&D of the automated transport system.

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