LEGAL AND REGULATORY IMPLICATIONS OF ARTIFICIAL INTELLIGENCE. THE CASE OF AUTONOMOUS VEHICLES, E-HEALTH AND DATA MINING

Friday 23 November 2018
Overview - Agenda

Co-chairs:

Giancarlo Caratti, Head of Intellectual Property and Technology Transfer Unit, Directorate-General Joint Research Centre, European Commission

Michal Gorzynski, Head of Section Impact, European Institute of Innovation & Technology (EIT)

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OPENING SPEECHES

From 9:00 to 09:55

Introduction
María Iglesias, Legal Officer - Intellectual Property, Directorate-General Joint Research Centre, European Commission

European Commission Artificial Intelligence strategy
Cécile Huet, Deputy Head of Robotics Unit, Directorate-General for Communications Networks, Content and Technology (video conference)

JRC activities in the field of Artificial Intelligence
Alessandro Annoni, Head of Digital Economy Unit, Directorate-General Joint Research Centre, European Commission

Artificial Intelligence activities in European Institute of Innovation & Technology
Michal Gorzynski, Head of Section Impact, European Institute of Innovation & Technology

Q&A

EUROPEAN COMMISSION INITIATIVES

From 9:55 to 10:35

Digital Transformation of Health and Care in the Digital Single Market
Ceri Thompson, Head of Sector, eHealth and Ageing Policy Unit, Directorate-General for Communications Networks, Content and Technology (video conference)

Towards a common European data space
Daniele Rizzi, Policy Officer, Data Policy and Innovation Unit, Directorate-General for Communications Networks, Content and Technology

EU strategy for mobility of the future
Antony Lagrange, Team Leader, Automotive and Mobility Industries Unit, Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs

Q&A

EUROPEAN COMMISSION AND EUROPEAN INSTITUTE OF INNOVATION & TECHNOLOGY FUNDING ACTIVITIES

From 10:35 to 11:00

Connected and Automated mobility in Horizon Europe. Options for the future
Jean François Aguinaga, Head of Surface Transport Unit, Directorate-General for Research and Innovation, European Commission

EIT Digital Activities on Artificial Intelligence
Federico Menna, Head of Innovation and Education Operations, EIT Digital, European Institute of Innovation & Technology & Marina Samoylova, Innovation Analyst, EIT Digital, European Institute of Innovation & Technology

Q&A
KEYNOTE SPEECH

From 11:00 to 11:15

General liability problems of Artificial Intelligence

Gerald Spindler, Department of Corporate Law, Civil Law – Internet Law, Copyright and Telecommunication Law Faculty of Law, University of Goettingen

PARALLEL SESSIONS

The workshop will be divided into small groups to discuss the session themes (world cafe style)

From 11:45 to 13:15

Session I - Legal and regulatory challenges for autonomous vehicles

Moderator: María Iglesias, Legal Officer - Intellectual Property, Directorate-General Joint Research Centre, European Commission

Presentation by JRC of the scoping paper on autonomous vehicles

Chris Holder, Partner for Bristows LLP

Session II - Legal and regulatory challenges in e-health

Moderator: Laurent Bontoux, Foresight, Behavioural Insights and Design for Policy, Senior Expert, Directorate-General Joint Research Centre, European Commission

Presentation by JRC of the scoping paper on e-health

Jean-Marc Van Gyseghem, Research Director and scientific coordinator, Research Centre Information, Law and Society (CRIDS)

Session III - Legal and regulatory challenges for text and data mining

Moderator: Salvatore Amico Roxas, Policy Officer, Innovation and EIT Unit, Directorate-General Education, Youth, Sport and Culture

Presentation by JRC of the scoping paper on data related issues

Jean-Paul Triaille, Legal Officer - Intellectual Property, Directorate-General Joint Research Centre, European Commission
**BIOGRAPHIES**

**Giancarlo Caratti** is Head for Intellectual Property and Technology Transfer at the European Commission, managing its intellectual property and promoting technology transfer. In 2015 he was Deputy Commissioner General for the EU participation in the World Expo Milano. He worked in the Universities of Florence and Pisa as teaching and research assistant in mechanical engineering. He spent one year as visiting scholar at the Georgia Institute of Technology and worked in a private engineering firm before entering the EC in 1986.

**Michal Gorzynski** joined EIT in 2012 and currently is a Head of Section Impact; previously he hold positions of Head of Monitoring Section/ Innovation Officer and KIC’s Project Officer. From 2009 to 2012 Michal worked for DG DEVCO at the EU Delegation to Ukraine as International Aid - Cooperation Officer. Before joining the EC from October 1997 he worked for the CASE Foundation – Center for Social and Economic Research. From 2009 until 2009 he was also Deputy Head/Project Director of CASE-Advisors Ltd. He graduated from the Warsaw School of Economics and Joint Vienna Institute.

**Maria Iglesias** is legal officer at the Commission since 2015 when she joint the Intellectual Property (IP) and Technology Transfer Unit of DG Joint Research Center. At the Commission, Maria provides legal support to other Commission services on IP related issues, mainly concerning copyright, audiovisual or data and has recently been associated to several projects related to artificial intelligence. Prior to joining the Commission, she was Head of Research at KEA, a consultancy specialised in creative industries. Before, she worked for almost 10 years as researcher in different universities in Belgium and Spain, always on the interface between new technologies and law. Maria has a PhD in Private Law.

**Cécile Huet** is Deputy Head of the Unit “Robotics and Artificial Intelligence” at the European Commission. This unit funds and assists beneficial robotics and AI developments within Europe. The unit is in charge of one of the world’s largest civilian programme in robotics with a budget of €700 million EU funding from Horizon 2020, supplemented by €2.1 billion from the European robotics industry in the context of the Robotics Public-Private Partnership. Moreover this unit is at the heart of the new Communication on Artificial Intelligence for Europe. Cécile joined the European Commission in 2001, and the unit dealing with Cognitive systems and Robotics since its creation in 2004. Before joining the EC, she worked for the industry in the field of signal processing after a post-doc at the University of California Santa Barbara and a PhD at University of Nice Sophia Antipolis. In 2015, she has been selected as one of the “25 women in robotics you need to know about”.

**Alessandro Annoni** is the Head of the Digital Economy Unit that provides techno-socio-economic research in support to the Digital Economy. The Unit analyses data value chains and the conditions relating to their development. It also ensure the technical coordination of the INSPIRE Directive developing an European Spatial Data Infrastructure. Before joining the EC, he worked for several years in the private sector and managed companies specialises in Remote Sensing, Geomatics, Software and Information Systems development. He is member of the Group on Earth Observations (GEO) Program Board and Vice President of the International Society for Digital Earth (ISDE). He 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.

**Ceri Thompson** is head of the policy sector in DG CNECT’s eHealth, Wellbeing and Ageing unit. Within the European Commission, Ceri has previously worked for DG SANTE and Eurostat. She has experience across a range of EU health policy areas, including nutrition & physical activity, alcohol and drugs, tobacco, pharmaceutical policy and health inequalities. Prior to joining the Commission she worked on Global Health for DFID, and for KPMG’s international healthcare practice, conducting strategic and efficiency reviews of health systems in the CARICOM and EECCA regions, and of various London hospitals. Ceri graduated with a degree in Mathematics from Durham University in 1992, and she holds an MSc and a Doctorate in Public Health both from the London School of Hygiene and Tropical Medicine.
Daniele Rizzi has a degree in civil engineering from the Politecnico di Milano University. He spent most of his professional life working on the development of information and communication systems and tools and joined the European Commission in 1993. Since 2012 he contributes to the development of policies in support to the European data economy in Commission's DG CONNECT; he works in particular on the deployment of Open Data Portals as part of a European infrastructure supporting data access and re-use.

Federico Menna joined EIT Digital in 2015. Before being appointed as the Head of Innovation and Education Operations, he worked as Innovation Analyst at the EIT Digital Headquarters in Brussels. Prior to joining EIT Digital, he worked for 8 years for Vodafone Group, dealing with the launch of new mobile technologies to the market. He has a B.Sc. and a M.Sc. in Telecommunications Engineering from the University of Trento, Italy.

Antony Lagrange is team leader in the ‘Automotive and mobility Industries’ Unit within the Directorate General Internal Market, Industry Entrepreneurship and SMEs. He in particular lead the work on the EU strategy on automated mobility adopted on 17 May 2018 and the new vehicle approval framework adopted as a follow up of the dieselgate. He is also chairman of the informal group on automated braking of the United Nations (UNECE). He holds a Master in Engineering and a Master in management/ Business administration. He has worked in the field of automotive legislation since 2001 at national and international level, and before that, in the private sector. He joined the Commission in 2011.

Marina Samoylova holds a PhD in Applied Physics from the University of Milan, Italy. In the past years she covered roles such as research assistant at the UK Quantum Technology Hub and business analyst supporting Corporate Marketing division at Vodafone Italy. She currently works as Innovation Analyst at the EIT Digital Headquarters in Brussels, in close relation to new frontiers of technology such as AI and machine learning.

Jean-François Aguinaga joined the European Commission in September 1994, within a team in charge of economic co-operation with Latin America. In 2002, he joined DG Enterprise and Industry (now DG GROW) where he was the sherpa drafting the financial instruments for SMEs (2007-2013). Between 2006 and 2010, he was first responsible for the EIC network, then for the phasing-in of the Enterprise Europe Network, the biggest network of business and innovation services ever set-up with the support of the European Commission. Between 2011 and 2015, he was in charge of the Unit dealing with “textiles, fashion, design and creative industries” within DG Enterprise and Industry. From 2015, he lead the Unit European Standardisation for Growth (DG Growth) and since 2017 the Unit in charge of surface transport policy at DG Research and Innovation.

Gerald Spindler studied Law and Economics in Frankfurt a.M., Hagen, Genf and Lausanne. He is a full tenured Professor at the University of Goettingen/ Germany where he is mainly occupied with legal issues regarding E-commerce, i.e., Internet and Telecommunication Law. He has been elected as a full tenured Member of the German Academy of Sciences, Goettingen, 2004. Amongst others, the EU commissioned him with the review of the E-commerce-directive in 2007 and recently appointed him as High Level Expert for legal issues of artificial intelligence, namely liability.
Chris Holder has worked in the IT sector since qualification in 1991 and was one of the first wave of specialist IT outsourcing lawyers in the UK, having worked for both IBM UK and Shaw Pittman in this role from the mid 1990s/early 2000s.

Laurent Bontoux, after a 3 year stint ensuring the environmental safety of household products at Procter & Gamble in Brussels, joined the European Commission in 1993. There, he spent most of his efforts dealing with research and science to inform policy making, especially regarding health and environmental risk assessment on topics as diverse as nanotechnologies, antimicrobial resistance and the potential health effects of electromagnetic fields. This led him to gain hands on experience in stakeholder engagement. Laurent is now heavily involved in bringing future oriented systemic thinking into EU policy making using classic foresight methods, developing innovative approaches such serious gaming and making ample use of participatory leadership techniques.

Jean-Marc Van Gyseghem has been working at the Research Centre on Information, Law and Society (www.crids.eu) at the University of Namur (Belgium) where he is Director of Research and scientific coordinator. He is also member of the Bar of Brussels and Partner at Rawlings Giles Law firm (www.rawlingsgiles.be). He is specialized in Medical Law (including civil liability), Insurance, Privacy, Medical Data Protection and eHealth Services and Products. Since 2018, he has been appointed DPO by various institutions.

Salvatore Amico Roxas is policy officer in DG EAC in the unit in charge of EIT strategy, Economic and Societal Impact. Before joining the EIT team at DG EAC, Salvatore was coordinating the secretariat of a network of public research organisations in the field in renewable energies (European Energy Research Alliance) at ENEA (Italian National agency for new technologies, Energy and sustainable economic development). In the past he worked as manger of the Intellectual Property portfolio of the European Commission at the JRC and as technolgy transfer and IP specialist at the European IPR-Helpdesk. Salvatore has a degree in economics, a master in private equity and a PhD in innovation management.

Jean-Paul Triaille is legal officer at the Joint Research Centre of the Commission since 2014. He notably advises the Commission services in the field of data and intellectual property. Prior to joining the Commission, Jean-Paul was a university lecturer and a member of the Brussels Bar for over 20 years and an IP Partner in a Brussels-based law firm. In this position, he has written numerous research reports for the Commission on a various range of topics. He also was the coordinator of the copyright review reports for DG CNECT, including on text and data mining, on user generated content, and on media monitoring. Jean-Paul has published several books on copyright and numerous articles in legal periodicals.
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