

# SOLAIR

## conference 2019

Society, Law, Artificial Intelligence and Robotics



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SOLAIR Conference 2019:

Human Centric Artificial Intelligence

12 – 13 September 2019 in Prague, Czech Republic

[www.solairconference.com](http://www.solairconference.com)

Human centric Artificial Intelligence is based on the respect for fundamental human rights and values including the right to dignity, privacy as well as the principle of human autonomy. This concept represents the European Union's approach to the powerful technology of Artificial Intelligence that should be used for the benefit of the whole human society.

Developing details of this concept was initiated by the European Commission that set up High-Level Expert Group on Artificial Intelligence in June 2018. Along the lines of developing an ethical approach to AI, the current laws need to be revised as well in order to facilitate responsible development and use of AI in order to provide clear rules and legal certainty. Given the borderless nature of the technology, discussions and agreements on the international level are necessary. The aim of this conference is to provide space for such discussions and to raise even more the awareness about important issues related to social aspects of this powerful technology.

We believe that the conference will interconnect the right people and help them to work together to achieve the ultimate goal of the Human Centric Artificial Intelligence approach which is empowering all people and bringing them the greatest benefits offered by the AI.

## Speakers



### Irina Orsich

Irina Orsich is working in Directorate-General CONNECT at the European Commission. She is specialised in the field of Artificial Intelligence. A German national, she has a law degree and a postgraduate degree in European law. Previously responsibilities have included posts in the audiovisual sector and as legal adviser for competition and state aid law.



### Mark Coeckelberg

Prof. Dr. Mark Coeckelberg is a full Professor of Philosophy of Media and Technology at the Philosophy of Department of the University of Vienna and former President of the Society for Philosophy and Technology (SPT). His expertise focuses on ethics and technology, in particular robotics and artificial intelligence. He is currently a member of various entities that support policy building in the area of robotics and artificial intelligence, such as the European Commission's High Level Expert Group on Artificial Intelligence and the Austrian Council on Robotics and Artificial Intelligence. He is the author of 12 philosophy books and numerous articles, and is involved in several European research projects on robotics (e.g. INBOTS).



## Yann Bonnet

An engineer by training, Yann Bonnet began his career as a consultant. He joined the French Digital Council in 2013 as General Rapporteur, before becoming Secretary General in 2015 and until May 2018. He was in charge of steering the national consultation on digital transformations, which was launched by the Prime Minister in 2014. This initiative eventually led to the Law for a Digital Republic. Yann Bonnet was also in charge of multiple reports, including taxation in the digital age, the digital dimension of the negotiations between the United States and the European Union and online platforms fairness. In 2017, he accompanied Cédric Villani (MP and mathematician - fields medal 2010) in his mission on artificial intelligence entrusted by the Prime Minister. The report of the mission "For a meaningful artificial intelligence" #AiForHumanity served as the basis to define France's strategy on AI presented in march 2018 by the President of the Republic, Emmanuel Macron with notably 1.5 billion euros of investment.



## Alžběta Krausová

Alžběta Krausová is a legal researcher at the Department of Private Law of the Institute of State and Law of the Czech Academy of Sciences, head of the project Center for Innovation and Cyberlaw Research (CICeRo) and a member of European Commission's expert group New Technologies and Liability. Her research focuses on legal and interdisciplinary research in the area of intellectual property law and technology law, namely artificial intelligence, data protection law, biometrics and legal questions arising from technological developments and convergence of technologies (merging technology with organic life). She is a public speaker and an external lecturer at the Czech Technical University and at Charles University in Prague.



## Jan Klesla

Jan Klesla is National Coordinator for European AI Centers at the Ministry of Industry and Trade of the Czech Republic and one of the co-authors of the National Artificial Intelligence Strategy. He has focused on the digital economy, particularly investments and regulations in the area of the technological disruption of traditional industries. In these areas he cooperates with Czech and foreign think-tanks. Previously he worked as an economic editor and editor in *Hospodářské noviny*. Later he founded the economic monthly *Index* in *Lidové noviny*, then led the economic desk and worked as an economic commentator. Before joining the media, he gained experience in law, finance and information technology.



## Piotr Machnikowski

Piotr Machnikowski is a professor at the University of Wrocław (Poland), where he is the director of the Department of Civil Law and Private International Law. Piotr's main field of research is the law of obligations (contract and tort law). He has authored a few books, edited and co-authored *European Product Liability: An Analysis of the State of the Art in the Era of New Technologies*, co-edited and co-authored commentary to the Polish civil code, co-authored several volumes of the series *System Prawa Prywatnego* (System of Private Law), *Contract Law in Poland* and many other books. He has also written numerous papers on Polish and European civil law. Piotr participated in international research projects such as European Research Group on Existing EC Private Law and European Group on Tort Law. He is a member of the International Academy of Comparative Law, European Law Institute and European Centre of Tort and Insurance Law. In years 2013-2015 he was a member of the Civil Law Codification Commission of the Republic of Poland. Currently Piotr is a member of the European Commission's Expert Group on Liability and New Technologies.



## Csaba Gáli

Csaba Gáli is a policy officer in the Contract Law Unit of the Directorate-General for Justice and Consumers in the European Commission. He is responsible for policy development on civil liability for Artificial Intelligence.



## Carlo di Nicola

Carlo Di Nicola is a Senior Legal Officer at UNIDROIT – the International Institute for the Unification of Private Law, based in Rome, Italy, where he works to develop private international law instruments.

He holds a Master's degree in International law from the London School of Economics and Political Science, U.K., and degrees in Common law from the University of Ottawa and civil law from the Université de Montréal. He is a member of the Ontario and Quebec Bars in Canada.

Before joining UNIDROIT, Carlo worked as a lawyer for the World Food Programme (WFP), the Food and Agriculture Organisation of the UN (FAO), and the Hague Conference on Private International Law in the Netherlands.



## Alex Ivančo

Alex Ivančo gained more than ten years of experience in the international law, working as the Head of the International Law Unit at the Ministry of Industry and Trade of the Czech Republic, and for the Czech Trade Promotion Agency in São Paulo, Brazil. He was also responsible for the implementation of OECD Guidelines for Multinational Enterprises before recently joining the Ministry of Finance as a Director of the Financial Market Supervision Department.

He holds a Ph.D. in Law from Charles University and is especially interested in dispute resolution outside of the formal state-sponsored judicial systems, design of dispute resolution systems and the use of modern technologies. He initiated discussions in UNIDROIT and UNCITRAL on global harmonization of legal framework for artificial intelligence and smart contracts.



## Nanna-Louise Wildfang Linde

Assistant General Counsel at Microsoft, CENTRAL EASTERN EUROPE

Nanna-Louise Linde joined Microsoft in August 2005. She has held different leadership positions in Microsoft the past 14 years and is currently leading Microsoft Legal, Corporate and External Affairs team in Central and Eastern Europe. In this role, she is overall responsible for all Legal matters and interactions with politicians and regulators as well as other external public stakeholders in the 32 countries in the region. She is together with her team closely involved with strategic planning to positively shape the debate and public policy outcomes on issues important to the ICT industry, including regulation of AI. She is frequently speaking on conferences etc in Europe on topics like AI and Ethics, the need for a legal framework for AI and is advocating for Digital peace and the protection of democracy. Prior to joining Microsoft, she worked 10 years in one of the biggest law firms in Denmark, Gorrissen, where she specialized in anti-trust law and European Union legislation and wrote numerous articles on anti-trust regulation and procurement law. She holds degrees in law and is based in Copenhagen.



## Guillermo Beltrà

Guillermo Beltrà leads Access Now's policy team globally, providing strategic vision, guiding and coordinating the operations of our experts in Latin America, North America, Europe, Middle East and North Africa, and Asia-Pacific. Before joining Access Now, Guillermo was Director of Legal and Economic Affairs at the European Consumer Organisation (BEUC), the largest NGO defending consumer rights in Europe. For over 10 years, Guillermo has worked closely on numerous digital files, including telecommunications, privacy, data protection, net neutrality, and platform regulation.



## Tomasz Jadczyk

The medical doctor and clinical-scientist. Dr. Jadczyk combines academic activities (Medical University of Silesia, Katowice, Poland; International Clinical Research Center, Brno, Czech Republic) with an entrepreneurial approach holding a position of chief science officer at the CardioCube Corporation (USA). The field of his interest focuses on the application of voice-enabled technology in clinical practice.

Dr. Jadczyk is actively involved in the medical scientific community as a member of the European Society of Cardiology. His international training includes internships at the University of Bristol (UK), Imperial College London (UK), University of Louisville (USA), Cedars-Sinai Medical Center (USA) and A\*STAR (Singapore).



## **Przemysław Magaczewski**

Works in digital health law area and business development, doctor of law. His international experience intersects competition law, IP protection law and data privacy including the eHealth field. He has more than 15 years of experience providing support for entrepreneurs e.g. in e-commerce activities (software-houses and IT companies).

Przemek is passionate about collaborating with healthcare professionals and IT specialists ensuring the highest standards of legal consulting services. Currently, he works as the chief operations officer at the CardioCube Corporation (USA).



## **Zsolt Zódi**

Zsolt graduated as a lawyer in 1991. Between 1991 and 1996 he worked as a lecturer in the Law School, University of Miskolc. Then he left the academia, and joined Wolters Kluwer, a multinational commercial publisher, where he was editor, then publisher, and finally a publishing director, responsible for a mixed portfolio of print and electronic (online) products. In 2010 he returned to the academia, and earned a PhD in legal informatics. Zsolt is the author of 2 and editor of 3 further books, and the author of more than 60 articles. His latest book and articles are dealing with the regulatory challenges of platforms, robots and Big Data.



## Rudolf Urbánek

General Manager at Microsoft Czech Republic and Slovakia

Since 1 March 2018, Rudolf Urbánek is managing the Czech and Slovak branch of Microsoft. Rudolf Urbánek joined Microsoft after 16 years at T-Mobile Czech Republic and Slovak Telekom. He has been responsible as the Executive Director for the Corporate and Business Segment for the Czech and Slovak markets for all business strategies in both countries. During his time at T-Mobile, Rudolf had the opportunity to participate in a number of fundamental changes related to both the development of the telecommunications market and the transformation of the company. For example, he was responsible for the business integration of T-Mobile, GTS and T-Systems, successfully managed the transition of T-Mobile Czech Republic to a fully integrated ICT and telco operator in the business segment with increasing revenues and market shares in existing and new market segments, achieving synergies resulting from the business interconnection of the Czech and Slovak markets in the corporate segment.

In the past, Rudolf held various positions in sales and marketing in Slovakia and the Czech Republic. He graduated from the University of Economics in Bratislava. He lives in Bratislava with his wife and two children. His passion is sports, especially skiing and golf, he enjoys reading and traveling.



## Jan Cuřín

Jan Cuřín graduated from computer science at Charles University in Prague, where he got his PhD in mathematical linguistics with focus on machine translation. Before joining IBM, he has been working in startups and academy as researcher, software engineer and software architect. Currently he is a researcher and manager at IBM Watson, particularly Watson Assistant service. He has published more than 50 conference and journal papers in various research areas including machine translation, multi-modal and conversational applications, human-computer interaction, and artificial intelligence. He is also a co-inventor of eight patents in the field.



## **Teresa Rodríguez de las Heras Ballell**

Associate Professor of Commercial Law, Universidad Carlos III de Madrid; BA in Law and BA in Business; LLM in Private Law, Doctor in Law. Deputy Vice-President for International Relations (former, 2014-2019).

Chair of Excellence 2017-2018 at Oxford University, Harris Manchester College. Arbitrator at the Madrid Court of Arbitration and the Spanish Court of Arbitration. Expert Arbitrator in disputes arising from conflicts of domain names .es. Member of (Autocontrol) Spanish Advertising Tribunal (2014-2018).

Member of the European Union Commission Expert Group on Liability and New Technologies. Member of European Union Expert Group for the Observatory on the Online Platform Economy. Delegate for Spain before UNIDROIT and UNCITRAL Working Group VI on Security Interests (2018-2019). Member nominated by UNIDROIT of the Expert Study Group on a Fourth Protocol for the Cape Town Convention on international security interests. Fellowships: European Central Bank Legal Research Programme 2018 with a project on Fintech regulation; Transatlantic Technology Law Forum, Stanford Law School; Marie Curie Fellow at Centre of European Law and Politics (ZERP), University of Bremen (Germany).

Visiting Professorships: Oxford University, Université de Toulouse 1 Capitole, Columbia Law School, Tulane University Law School, Universidad de los Andes, Università degli Studi di Torino, University of Tokyo, University College of London.



## **Kamil Szpyt**

Doctor of legal sciences (thesis defended summa cum laude at the Faculty of Law, Administration and International Relations of the Andrzej Frycz Modrzewski Krakow University in 2017). He graduated from the Faculty of Law and Administration at the University of Rzeszów.

Winner of numerous competitions, including III. edition of the Zbigniew Radwański for the best doctoral thesis in Polish private law, XV. edition of the Competition for the best scientific work on intellectual property organized by the Patent Office of the Republic of Poland, LIII. editions of the Polish National Competition "State and Law" for the best habilitation and doctoral dissertations in the field of legal sciences (distinction) and the National "Competition for Young Lawyers - Ius et discipulus".



## Eva Fialová

Eva Fialová works as a researcher at the Institute for the State and Law of the Czech Academy of Sciences. In her research she focuses on the artificial intelligence, algorithms and autonomous systems. Besides that, she has experience in the information technology law, especially in privacy and data protection. Eva is a member of various expert groups specialized in legal aspects of artificial intelligence and new technologies. She obtained her Ph.D. in privacy and data protection at the Masaryk University. Eva studied also at the University of Amsterdam where she obtained a LL.M. in information law.



## Ashok W. Deshpande

Professor Ashok Deshpande PhD, Founding Chair Berkeley Initiative in Soft Computing (BISC)-Special Interest Group (SIG)-Environment Management Systems (EMS) holds a PhD Degree in Engineering and Technology. He was Deputy Director, National Environmental Engineering Research Institute (NEERI) /CSIR. He is Visiting Professor in Indian Institute of Technology Mumbai India and Adjunct Professor College of Engineering Pune India, and NIT Silchar.

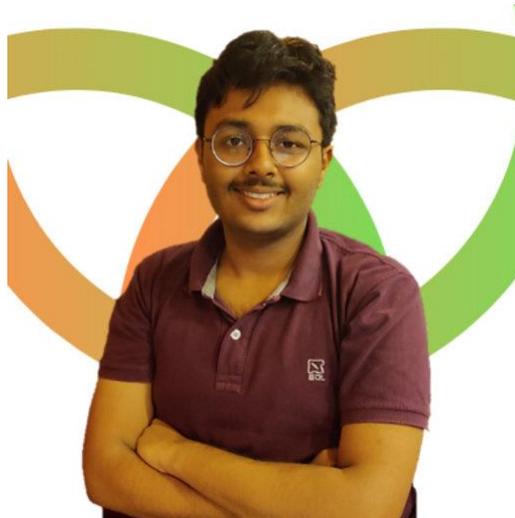
More importantly, Professor Lotfi Zadeh, the founder of fuzzy logic, after listening to many seminar talks, asked Professor Ashok Deshpande to be the Founding Chair of Berkeley (BISC)-(SIG)-(EMS). He is also guest faculty at the University of California Berkeley and visiting scientist at Lawrence Berkeley National Laboratory, CA.

Professor Ashok has over 4 decades of R&D experience and has over 120 publications in the Journals of international repute/conferences. In the past, Dr. Ashok was WHO Adviser, Common Wealth Science Council Resource Scientist, World Bank Project Director for the studies on Probabilistic Risk Assessment for Chemical Process Industry. He also organized a Workshop as WHO Adviser in 5 countries on Unaccounted for Water Management and also assisted Danish International Development Authority (DANIDA) as a Project Advisor.



## Vaibhav Dugar

A current Post-Graduate student (LLM) at The University of Auckland (International Student Scholarship), New Zealand and an alumna of Amity University, India, Vaibhav is a highly motivated and performance-driven lawyer having excellent expertise at delivering solutions to clients on a wide range of complex legal issues. He has worked for Barclays and Thomson Reuters primarily for matters dealing with end to end Contract Lifecycle Management, Review and Support, Corporate Compliance and Risk Management.



## Abhivardhan

Abhivardhan is an Intrapreneur at Alexis Group, Founder of Internationalism, legal research thinks tank, a Founding Member and the Secretary-General of Indian Society of Artificial Intelligence and Law, a Eurasian Editor at the Institute for a Greater Europe and a member of the MIT Technology Review Global Panel. He is currently pursuing his studies at Amity University, Lucknow Campus. His prima facie field of learning and research is in the field of International Law, Artificial Intelligence Ethics, Constitutional Jurisprudence, and Algorithmic Policing. Despite academics, Abhivardhan is a food lover and is a bilingual poet. He has written over 450 poems in Hindi and English and is an author of 7 books. He is an avid public speaker and legal thinker.