



AI international impact on economy and society

—Competition, collaboration and fragmentation—

Webinar by International Telecommunications Society and Telecommunications Policy 19 November, 14.00 (CET)

Invitation remarks:

Artificial intelligence (AI) is already a widespread technology, affecting every aspect of our daily life. Even though it is, as yet, no more than a machine or program performing a narrow range of tasks efficiently, it already does so as well as or even better than humans. Some experts are hailing this spectacular improvement in AI capacity, but others are concerned. AI is a double-edged sword: it can either protect or damage people depending on how it is used. Technologies, including AI, are intrinsically neutral, and it is humans (both developers and users) who determine the purposes to which AI is put. With the help of AI, we can develop new materials and vaccines faster, manage internet traffic more efficiently, and boost production efficiency. AI however can also generate unexpected economic and social turmoil, such as disruptive industrial restructuring entailing unemployment and widening income inequality, malicious use by terrorists, privacy breaches, and violations of human dignity. We are now receiving AI with conflicting emotions, hopes and fears. Humans are especially afraid of AI because it is not just relieving us of long and hard physical labour, but it is also beginning to substitute human intelligence (our brain functions).

Recognizing the potential dual impacts of AI on economy and society, TP recently published the very special issue on "Artificial intelligence, economy and society," this webinar summons seven authors of the special issue to continue their unfinished discussions. We cordially invite you to this timely international forum.

The main focuses of the webinar are:

- Bright and dark sides (or opportunities/threats) of AI
- How, for whom and for how long will AI provide a competitive advantage? It is already late and the competitive advantages are there or there is still room to catch up?
- International collaboration to harness AI for wellbeing of all: New technology diplomacy in AI

Webinar Date and Time: November19, 2020

- Total webinar length: 1 hour and 30 minutes
- Europe: CET 14:00 (UTC 13:00), US: EST 08:00
- Asia: Bangkok 20:00, Beijing/Singapore 21:00, Seoul/Tokyo 22:00

Format: Webinar with Zoom (Access will be distributed to those who registered)





Host institutions and organizers:

- Host institutions: ITS & Telecommunications Policy (published by Elsevier)
- Chair, organizers and speakers



[Chair Claudio Feijoo]

- Technical University of Madrid (UPM), Spain, and Sino-Spanish Campus at Tongji University in Shanghai, China
- MSc and PhD in Telecommunication Engineering and MSc in Quantitative Economics
- Research Areas: Future socio-economic impact of emerging technologies
- Dr. Feijoo worked with the European Commission and the Spanish Ministry of Industry and as founder and mentor of startups

[Prof. Erik Bohlin]

- Department of Technology Management & Economics at Chalmers University of Technology, Sweden
- Ph.D. at Chalmers University of Technology
- Research Areas: Information society Policy, Strategy, and Management
- Editor-in-Chief of The Journal of Telecommunications Policy. Served as the Chair of the International Telecommunications Society



[Prof. Youngsun Kwon]

- School of Business & Technology Management, College of Business at the Korea Advanced Institute of Science and Technology (KAIST), South Korea
- Ph.D. in economics, Syracuse University, USA
- Research Areas: Artificial general intelligence, Internet and spectrum policy, Network and urban economics
- Dean of KAIST Academy and director of the Center for Excellence in Learning and Teaching, KAIST

Speakers:



[Prof. Johannes Bauer]

- Quello Chair for Media and Information Policy at Michigan State University (MSU)
- Ph.D. in Economics from the Vienna University of Economics and Business, Austria
- Research Areas: Development of policies and management practices, Internet
 policy, Initiatives to overcome digital inequalities, Innovation in advanced digital
 services, and Deployment of public interest technologies.
- Dr. Bauer has worked with public and private sector stakeholders in North and South America, Europe, and Asia.



[Colonel Angel Gómez de Agreda]

- Spanish Air Force Colonel.
- PhD Candidate at Madrid's Universidad Politécnica, Spain
- MD in Terrorism. Staff Officer Diplomat with almost 40 years of service, Chief of the Geopolitical Analysis Area at the Spanish MoD. Former Chief of Cooperation at the Spanish Joint Cyber Command.
- Regularly lectures in several Universities and Business Schools. He has published over 100 articles and book chapters.







[Prof. Rekha Jain]

- Senior Visiting Professor, Indian Council for Research on International Economic Relations (ICRIER). She was faculty, Indian Institute of Management Ahmedabad, since 1985 and the Executive Chair of IIMA-IDEA Telecom Centre of Excellence
- Ph.D., Indian Institute of Technology, Department of Computer Science & Engineering, New Delhi, India
- Research Areas: Policy and regulation of telecom and Internet
- Senior Fulbright Fellowship on Telecom Regulation in 1997-98 and visiting scholar, Fundação Dom Cabral, Brazil, May 2011 – June 15, 2011



[Dr. Gianluca Misuraca]

- Research Fellow on eGovernnace and Public Administration, Danube University Krems (DUK), Austria
- Former Senior Scientist at the <u>European Commission's Joint Research Centre</u> in Seville, where, from January 2009 until August 2020, coordinated research in the area of <u>Digital Governance and Social Innovation</u>
- Strategic policy advisor on Digital Governance, Technology Diplomacy and Human-Centric Artificial Intelligence, and Team Leader for the EU-funded facility support project for an "<u>International alliance for a human-centric approach to</u> <u>Artificial Intelligence</u>" (IA-AI).



[Prof. Dirk Nicholas Wagner]

- Professor of Strategic Management Karlshochschule International University, Karlsruhe, Germany
- Addressed man and machine since the 1990s, with focus on AI
- Managing partner of medium-sized group of industrial service companies, dealing with changes in markets, state and society



[Dr. Lucia Vesnic-Alujevic]

- Policy analyst and researcher at the European Commission Joint Research Centre, Brussels, Belgium
- PhD in Communication Science, Ghent University, Belgium
- More than 10 years of research experience in digital media and digital politics in Europe
- Research Areas: Political communication, Digital technologies, European public sphere and Foresight
- Worked as visiting lecturer in political communication at Zagreb University

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