

Project Communication (Publication: June 2017)

PICASSO Trans-Atlantic Symposium on ICT Technology and Policy

90 attendees exchanged with high-level EU and US experts at the “Trans-Atlantic Symposium on ICT Technology and Policy – 5G Networks, Big Data, Internet of Things and Cyber-Physical Systems for a Smart Society” in Minneapolis, MN, USA on 19th-20th June 2017. The Symposium was organised by the EU-funded project PICASSO, co-sponsored by the US National Science Foundation (NSF), Intelligent Manufacturing Systems (IMS), the IEEE Control System Society and the University of Minnesota, and hosted by the Technological Leadership Institute of University of Minnesota.

The Symposium held in Minneapolis brought together outstanding representatives of the **academic, industrial and policy makers communities** from both the EU and the US in the areas of 5G Networks, Big Data, Internet of Things and Cyber-Physical Systems, covering the spectrum of activities from research strategic prioritization, research assessments, and pre-competitive research, via commercialisation opportunities, to policy issues impacting the ICT area. The Symposium was attended by 90 participants, 38 from EU (42%) and 52 from the US (58%), with a gender share of approximately 60% men and 40% women.



The Symposium was structured into a core set of parallel sessions alternated with plenary sessions, for a total of 14 sessions and 7 key notes. Parallel sessions were dedicated to the latest technology developments and to insights from the Big Data, 5G Network and IoT/CPS Expert Groups of the PICASSO project, while plenary sessions focused on cross-cutting policy implications of the above technological domains, as well as on concrete

application experiences of these technologies to real environment, in particular in the areas of smart city, smart transport, smart energy and smart manufacturing. Sessions organised by [BILAT USA 4.0](#), [Clean Energy Economy Minnesota](#) (CEEM) and [IMS](#) as a result of a call for sessions greatly contributed to the overall event focus.

The main objective of the symposium was to explore the connections and interrelations among PICASSO’s technology focus areas, and between these areas and policy, within an EU/US collaboration context. For example: How is IoT and CPS impacting on trustworthiness of networks, and on data security? And how are EU and US respectively addressing and bringing forward these challenges? Where and how are common views and frameworks being created, and on the contrary where are the ways in which the EU and US are diverging? Are there common technology needs and gaps between the EU and US that need more attention and would justify shared attention in research priorities or investments?

These are only some of the questions that animated the discussions among the high-level participants from academic, industry, and government organisations at the symposium, contributing to a fruitful international dialogue. The PICASSO project will build on these discussions over the next year and develop targeted recommendations for international collaboration in ICT and the related technology/policy nexus.

PICASSO Project Website: www.picasso-project.eu

Twitter: @picasso_ict - **LinkedIn:** PICASSO – EU/US ICT research

About the PICASSO Project:

PICASSO is co-funded by the European Commission under the Horizon 2020 programme.

Start Date: 1st January 2016 - **Duration:** 30 months

Project coordinator: Svetlana Klessova, inno TSD, France: s.klessova@inno-group.com

PICASSO Consortium Members:

	<p>inno TSD, France – one of Europe’s leading innovation management consultancy firms, specialised in helping major private and public stakeholders design and implement R&D and innovation projects. http://www.inno-group.com/</p>
	<p>TECHNISCHE UNIVERSITÄT DORTMUND, Germany – a leading German technically oriented research university with strong research groups in big data, communications, smart grids, e-mobility and cyber-physical systems... http://www.tu-dortmund.de</p>
	<p>THINK WIRELESS TECHNOLOGIES LIMITED, United Kingdom - an ICT company founded in 2009 after more than a decade of research and development in wireless and energy harvesting technologies. http://www.think.com/</p>
	<p>ATC SA, Greece - an SME and Technology Centre in the field of ICT participating in 3 ICT European Technology Platforms: NESSI (Steering Committee member), NEM (member) and NETWORLD2020 (member), and founding member of European Big Data Value Association. http://www.atc.gr</p>
	<p>AGENZIA PER LA PROMOZIONE DELLA RICERCA EUROPEA, Italy – a non-profit research organisation, grouping together more than 100 members, including public and private research centres, industries, industrial associations, chambers of commerce, science parks and more than 50 universities, with the main objective to promote the participation in national and European RTD programmes. http://www.apre.it/</p>
	<p>HONEYWELL INTERNATIONAL INC, United States – a multinational company and global leader that invents and manufactures technologies to address some of the world’s toughest challenges initiated by revolutionary macrotrends in science, technology and society. The company’s products and solutions are focused on energy and the environment, safety and security, and efficiency and productivity. http://honeywell.com/</p>
	<p>GNKS CONSULT BV, Netherlands - conducting strategic and policy research and evaluation, building on excellence in understanding of the impact of the emerging Global Networked Knowledge Society http://www.gnksconsult.com/</p>
	<p>TECHNISCHE UNIVERSITÄT DRESDEN, Germany - a full-scale university with 14 faculties, covering a wide range of fields in science and engineering, humanities, social sciences and medicine. https://tu-dresden.de/</p>
	<p>FLORIDA INTERNATIONAL UNIVERSITY, United States - The Miami-Florida Jean Monnet Center of Excellence, (MFJMCE), a member of the global network of EU-sponsored Jean Monnet centers, has the mission to promote teaching, research and outreach activities relating to the EU. http://www.fiu.edu/; https://miamieuc.fiu.edu/</p>
	<p>UNIVERSITY OF MINNESOTA, United States – The Technological Leadership Institute bridges the gap between business and engineering. TLI’s mission is to develop local and global leaders for technology enterprises. https://tli.umn.edu/</p>