



ECSEL JU

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ECSEL JU SYMPOSIUM 2019

17 - 18 June 2019
Palace of the Parliament
Bucharest

*“Boosting a sustainable digital
sovereignty for the EU”*



ECSEL JU



KEY OBJECTIVES

- To **provide a platform to talk** about progress and results of the ECSEL JU funded projects, to disseminate relevant scientific and technological achievements;
- To strengthen **visibility and relevance of the ECSEL JU** towards key decision influencers;
- To demonstrate the **positive impact of the ECSEL JU programme** in addressing societal and industry challenges and needs;
- To **widen the national/regional participation** to the programme;
- To reach-out to other European, National and Regional platforms and/or initiatives (**“non-usual suspects”**) in view of a mutually convenient optimisation of synergies;
- Secure meaningful **continuation of the ECSEL JU** under Horizon Europe in an even more convincing way (i.e. larger scope and bigger budget);



KEY MESSAGES

- The **crucial role of ECSEL JU** as reliable, affordable and credible platform in the ECS field;
- The added value of the **tripartite model** (funding from EU, Members States and Industry) to unify European public-sector, industrial and academic actors around a compelling technical programme;
- The **key role of the Public Authorities Board** in the allocation of public funding and identification of research and innovation priorities in the ECS field in order to strengthen European competitiveness;
- The **strategic role of ECS** in driving innovation in business and society, a key enabler for securing technology independence across many fields, enabling cohesion, creation of growth, jobs and additional economic opportunities at all levels within the EU.
- The development of **synergies and stronger alignment** of strategies at European, National and Regional level



AGENDA

*“Boosting a sustainable digital
sovereignty for the EU”*

C.A. Rosetti Hall



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Session 1

“Technology independence between myth and reality”

Is it possible for the EU to shape and develop new technologies independently from decisions taken by other geographical areas? Can external geopolitical reasons steer a decision-making process on technological directions to take? To which extent can internal administrative, social and industrial structures, informal and formal economy, local and imported cultural and knowledge systems affect such a process? What are today's threats to the EU digital sovereignty that require further analysis and regulation at EU level? Should the EU develop a common market strategy to counteract potential technological risks?



Session 2

“Towards the Age of a multi-connected intelligence”

Digital transformation will affect all sectors of our economy, from agriculture to public services, from industry to public administration and radically change the way we live. These evolutions will be enabled by advances in AI, improved cybersecurity, reinforced connectivity through 5G, edge computing, sensors, power management, etc. New opportunities are arising from such a disruptive transition. However, there is a huge and urgent need to transfer, store and analyse vast amounts of data generated in this new technology context, and act sensibly on the results. This requires a level of secure connectivity and dependable interoperability which was previously unknown and unmanageable with the available infrastructures. What solutions will be required for Europe to capture this window of opportunity, accelerate innovation value chains and shorten the time-to market?



Session 3

“Synergies and complementarities in RD&I programmes across the EU”

The ECS sector is characterized by a very strong competition at global level. The level of investments required is on the order of trillions of Euros and keeps growing with each generation of products. Prioritizing research and innovation in EU, national and regional budgets as well as optimising investment is crucial for facing the massive investments heavily supported by governments in other geographies (e.g. “Made in China 2025”). Synergies and complementarities among programmes at all levels could efficiently respond to a very dynamic market in continuous evolution, such as ECS. How to optimize EU/National/Regional policies and investments and capitalize on results? How should we reinforce existing strengths? How to set up long-term investments and put policies in place that can also drive a high degree of cohesion in the EU?



SPEAKERS

- Nicolae Hurduc, Minister of Research and Innovation, Romania
- Khalil Rouhana, Deputy Director General DG CNECT, EC
- Lucilla Sioli, Director of Artificial Intelligence and Digital Industry DG CNECT, EC
- Romanian MEPs (tbc)
- Other MEPs (tbc)
- Sabine Herlitschka, CEO, Infineon Technologies Austria AG
- Emmanuel Sabonnadière, CEO, CEA Leti
- Georg List, Vice President, AVL List GmbH
- Sigrid de Vries, Secretary General, European Association of Automotive Suppliers
- Pierre Meulien, Executive Director, IMI Joint Undertaking
- Veronique Pevtschin, European Cyber Security Organisation
- Thierry Tingaud, EVP Public Affairs Europe and President, STMicroelectronics France
- Stephan Brunesseaux, Senior Expert in AI & Data Analytics, Airbus France
- Martin Wezowski, Chief Designer Innovation Center Networks & Chief Innovation Office, SAP
- Lars Reger, CTO, NXP Semiconductors



EXHIBITION

➤ Reception Saloon



ECSEL JU



EXHIBITION

- A full scale, open-plan exhibition space
 - ❑ 63 ECSEL JU projects

- Institutional Area
 - ❑ 3 Industry Associations;
 - ❑ ECSEL JU;
 - ❑ ECSEL Mirror Groups;
 - ❑ European Commission;
 - ❑ Romanian Presidency and Romanian Entities.

- Guided tours

- Matchmaking activities and dedicated mobile app to facilitate networking and setting meetings



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