

Future of Work

Horizon Europe ICOS : International Cooperation on Semiconductors for European Economic Resilience

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Abstract

This presentation will deal with the ICOS CSA project dedicated to International Cooperation On Semiconductors. International cooperation is key for speeding up technological innovation, reducing cost by avoiding duplicated research, boosting the resilience of the semiconductor value and supply chains, and is one of the objectives of the EU Chips Act. The final ICOS results will be highlighted, including the analysis of the semiconductor economic and technological landscapes in Europe and leading semiconductor countries, the identification of the most promising emerging technologies, the proposal of areas for potential cooperation and the opportunities for bilateral or multilateral research collaborations in the fields of advanced functionalities and computing.

Biography

BALESTRA Francis, CNRS Research Director at CROMA, is Director Emeritus of the European SiNANO Institute and Chair of IEEE Electron Device Society France, and has been Director of several Research labs. He coordinated many European Projects (ICOS, NEREID, NANOFUNCTION, NANOSIL, etc.) that have represented unprecedented collaborations in Europe in the field of Nanoelectronics. He founded and organized many international Conferences, and has co-authored more than 500 publications. He is member of several European Scientific Councils, of the Advisory Committees of International Journals and of the IRDS (International Roadmap for Devices and Systems) International Roadmap Committee as representative of Europe.

References