

CHIST-ERA Call 2018

Projects Recommended for Funding

The projects listed below are recommended for funding to the national/regional research funding organisations of CHIST-ERA by the Call 2018 Steering Committee.

Important: The actual funding of the projects depends on the successful completion of the contract negotiations at the national/regional level.

List of projects for the topic “Analog Computing for Artificial Intelligence – ACAI” (alphabetical order)

Acronym and title of the project	Coordinator	Countries in partnership (in bold, coordinating country)
AIR - Analogue Intelligent chip for short and middle range Radar signal processing	Jacek Flak VTT Technical Research Centre of Finland Ltd.	FI , FR, PL
APROVIS3D – Analog PRocessing of bionspired Vision Sensor for 3D reconstruction	Jean Martinet CRIStAL, University of Lille	CH, ES, FR , GR
JEDAI - Event Driven Artificial Intelligence Hardware for Biomedical Sensors	Antoine Frappe IEMN, University of Lille	EE, FR , IE
SMALL - Spiking Memristive Architectures for Learning to Learn	Robert Legenstein Graz University of Technology	AT , CH, ES, UK
UNICO - Unsupervised spiking neural networks with analog memristive devices for edge computing	Dominique Drouin University of Sherbrooke	CA , CH, FR, PL

List of projects for the topic “Smart Distribution of Computing in Dynamic Networks – SDCDN” (alphabetical order)

Acronym and title of the project	Coordinator	Countries in partnership (in bold, coordinating country)
CONNECT - COmmunicatioN-aware dyNamic Edge CompuTing	Sinem Coleri Ergen Koc University	FI, TR , UK
DIPET - Distributed Stream Processing on Fog and Edge Systems via Transprecise Computing	Hans Vandierendonck The Queen’s University of Belfast	ES, FR, GR, RO, UK
DRUID-NET - Edge Computing Resource Allocation for Dynamic Networks	Symeon Papavassiliou National Technical University of Athens	BE, CA, FR, GR , UK
LeadingEdge - Holistic and foundational resource allocation framework for optimized and impactful edge computing services	Iordanis Koutsopoulos Athens University of Economics and Business	ES, FI, FR, GR
SCORING - Smart Collaborative cOmputing, caching and netwoRking paradIgm for Next Generation communication infrastructures	Yacine Ghamri-Doudane L3i, University of La Rochelle	CA, FR , TR