

CHIST-ERA Call 2022

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 2022 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 “Security and Privacy in Decentralised and Distributed Systems (SPiDDS)” (alphabetical order)

Acronym and title of the project	Coordinator	Countries in partnership (in bold, coordinating country)
Di4SPDS - Distributed Intelligence for Enhancing Security and Privacy of Decentralised and Distributed Systems	A.K.M. Najmul Islam Lappeenranta-Lahti University of Technology	ES, FI , FR, TR
GRAPHS4SEC - Graph Neural Networks for Robust AI/ML-driven Network Security Applications	Pedro Casas Austrian Institute of Technology	AT , ES, FR, UK
MoDIC - Modern Device Independent Cryptography	Marcin Pawlowsky University of Gdansk	CH, FR, HU, PL
PATTERN - PrivAcy-preserving disTribuTedybERthreat aNalytics	Antonio Faonio EURECOM	FR , LU, RO
REDONDA - A Next-generation State-machine Replication Protocol for Blockchain	Pierre Sutra Institut Mines-Télécom	CH, ES, FR , UK
REMINDER - pRivacy-prEserving Machine LearnIng through secure managemEnt of Data’s lifecycLE in distRibuted systems	Antonio Skarmeta Gomez University of Murcia	AT, ES , RO, UK
TROCI - Towards Resilient Operation of Critical Infrastructures - application to water and energy systems	Hafiz Ahmed Bangor University	AT, IE, RO, UK
TruBrain - Trustworthy Distributed Brain-inspired Systems: Theoretical Basis and Hardware Implementation	Ihsen Alouani Queen's University Belfast	CH, FR, TR, UK

List of projects for the topic “Machine Learning-based Communication Systems, towards Wireless AI (WAI)” (alphabetical order)

Acronym and title of the project	Coordinator	Countries in partnership (in bold, coordinating country)
CHASER - Channel Charting as a Service	Olav Tirkkonen Aalto University	CH, FI , FR, PT
MLDR - MLDR: A Machine Learning-Driven Radio Interface	Boris Bellalta Pompeu Fabra University	ES , FI, FR, PL
MUSE-COM^{^2} - AI-enabled MULTimodal SEMantic COMMunications and COMputing	Zdenek Becvar Czech Technical University in Prague	CZ , FI, FR
PASSIONATE - Physics-based wireless AI providing scalability and efficiency	Ana Garcia Armada University Charles III of Madrid	ES , FI, FR, LU, PL