

CHIST-ERA Call 2019

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 2019 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 “Explainable Machine Learning-based Artificial Intelligence – XAI” (alphabetical order)

Acronym and title of the project	Coordinator	Countries in partnership (in bold, coordinating country)
ANTIDOTE - ArgumeNtaTion-Driven explainable artificial intelligence fOr digiTal mEdicine	Elena Cabrio Université Côte d'Azur	BE, ES, FR , IT, PT
CausalXRL - Causal eXplanations in Reinforcement Learning	Aditya Gilra University of Sheffield	AT, FR, UK
CIMPLE - Countering Creative Information Manipulation with Explainable AI	Raphael Troncy EURECOM	AT, CZ, FR , PT, UK
COHERENT - COllaborative HiErarchical Robotic ExplaNaTions	Júlia Borrás Sol Consejo Superior de Investigaciones Científicas	ES , IT, UK
EXPECTATION - Personalized Explainable Artificial Intelligence for decentralized agents with heterogeneous knowledge	Michael Ignaz Schumacher University of Applied Sciences and Arts Western Switzerland	CH , IT, LU, TR
GraphNEx - Graph Neural Networks for Explainable Artificial Intelligence	Andrea Cavallaro Queen Mary University of London	CH, FR, UK
INFORM - Interpretability of Deep Neural Networks for Radiomics	Panagiotis Papadimitroulas BIOEMISSION TECHNOLOGY SOLUTIONS IKE	FR, GR , PL
iSee - Intelligent Sharing of Explanation Experience by users for users	Belen Díaz Agudo Universidad Complutense de Madrid	ES , FR, IE, UK

MUCCA - Multi-disciplinary Use Cases for Convergent new Approaches to AI explainability	Stefano Giagu Sapienza Università di Roma	BG, IT , RO, UK
SAI - Social Explainable Artificial Intelligence	Andrea Passarella Consiglio Nazionale delle Ricerche	AT, BG, EE, IT , PL, UK
XAIface - Measuring and Improving Explainability for AI-based Face Recognition	Jean-Luc Dugelay EURECOM	AT, CH, FR , PT
XPM - Explainable Predictive Maintenance	Nowaczyk Slawomir Halmstad University	FR, PL, PT, SE

List of projects for the topic “Novel Computational Approaches for Environmental Sustainability – CES” (alphabetical order)

Acronym and title of the project	Coordinator	Countries in partnership (in bold, coordinating country)
4Map4Health - Mapping of forest health, species and forest fire risks using Novel ICT Data and Approaches	Juha Hyyppä Finnish Geospatial Research Institute	AT, CZ, ES, FI , PT
ANDROMEDA - Advanced and novel hydrology models based on enhanced data collection, analysis, and prediction	Andrea Zanella Università di Padova	ES, FI, IT
SEC-OREA - Supporting Energy Communities-Operational Research and Energy Analytics	Paula Carroll University College Dublin	BE, FR, IE , LV
SEEDS - Stakeholder-Based Environmentally-Sustainable and Economically Doable Scenarios for the Energy Transition	Anthony Patt ETH Zürich	CH , EE, ES, PT
SWAIN - Sustainable Watershed Management Through IoT-Driven Artificial Intelligence	Atakan Aral TU Wien	AT , CH, FI, TR
WATERLINE - NEW SOLUTIONS FOR DATA ASSIMILATION AND COMMUNICATION TO IMPROVE HYDROLOGICAL MODELLING AND FORECASTING	Alexandra Gemitzi DEMOCRITUS UNIVERSITY OF THRACE	AT, CH, FI, GR , PL