

CHIST-ERA Call 2017

Projects Recommended for Funding

The projects listed below are recommended for funding to the national research funding organisations of CHIST-ERA by the Call 2017 Steering Committee.

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

List of projects for the topic “Object recognition and manipulation by robots: Data sharing and experiment reproducibility – ORMR” (alphabetical order)

Acronym and title of the project	Coordinator	Countries in partnership (in bold, coordinating country)
BURG - Benchmarks for Understanding Grasping	Markus Vincze TU Wien	AT , ES, IT, UK
CORSMAL - Collaborative object recognition, shared manipulation and learning	Andrea Cavallaro Queen Mary University of London	CH, FR, UK
Heap - Human-Guided Learning and Benchmarking of Robotic Heap Sorting	Gerhard Neumann University of Lincoln	AT, CH, FR, IT, UK
InDex - Robot In -hand Dexterous manipulation by extracting data from human manipulation of objects to improve robotic autonomy and dexterity	Diego Resende Faria Aston University	AT, EE, FR, IT, UK
IPALM - Interactive Perception-Action-Learning for Modelling Objects	Krystian Mikolajczyk Imperial College London	CZ, ES, FI, FR, UK
LEARN-REAL - Improving reproducibility in LEARNING physical manipulation skills with simulators using REAListic variations	Sylvain Calinon Idiap Research Institute	CH , FR, IT
PeGRoGaM - Perception-guided robust and reproducible robotic grasping and manipulation	Clément Gosselin Université de Laval	CA , IT, UK

List of projects for the topic “Big data and process modelling for smart industry – BDSI” (alphabetical order)

Acronym and title of the project	Coordinator	Countries in partnership (in bold, coordinating country)
ABIDI - Context-aware and Veracious Big Data Analytics for Industrial IoT	Juha Rönning University of Oulu	BE, CH, ES, FI
BIG-SMART-LOG - The Use of Big Data Analytics for Process Modelling in Smart Logistics Operations	Ebru Al Ekol Lojistik	GR, PL, RO, TR
FIREMAN - Framework for the Identification of Rare Events via MACHine learning and IoT Networks	Pedro Nardelli Lappeenranta University of Technology	ES, FI , GR, IE
PACMEL - Process-aware Analytics Support based on Conceptual Models for Event Logs	Grzegorz J. Nalepa AGH University of Science and Technology	ES, IT, PL
RadioSense - Wireless Big Data Augmented Smart Industry	Stephan Sigg Aalto University	FI , FR, IT
SOON - Social Network of Machines	Ghorbel Hatem University of Applied Sciences Western Switzerland	CH , ES, RO, SK
SPuMONI - Smart Pharmaceutical MaNufacturIng	Mariola Mier Pharma Quality Europe Srl	ES, GR, IE, IT