

Fondi di Ricerca di Ateneo - Università di Genova

SEED Projects

SEED 2023 (selected in 2024)

- Implicit Measurement Protocols for Assessing User Experience in Human-Robot Interaction, Alessandro Carfi, Eleonora Ceccaldi; Matteo Moro
- Emerging Frontiers in Self-Augmentation: Extra-numerary Technologies versus Collaboration, Camilla Pierella, Cecilia De Vicariis, Enrico Zero

SEED 2022 (selected in 2023)

- "INSERTION: alageNt-baSed modEl oRientedTo trafflc cONtrol using CAVsProject", Angelo Ferrando, Vito Paolo Pastore, Cecilia Caterina Pasquale
- Peer to peer architectures for energy markets: towards distributed solutions and digital twin environments, Giulio Ferro, Matteo dell'Amico, Enrico Russo

SEED 2020 (selected in 2021)

- CURIOSSEED: "the flavor of early diagnosis: taste dysfunctions as an early biomarker for Parkinson's disease", Gabriele Arnulfo
- "Practical Runtime Monitoring for Secure Internet of Things", Alessandro Armando, Davide Ancona, Giovanni Lagorio
- "Visual Inertial eVent-based motion tracking in the wild (VIVE libre!)", Andrea Canessa, Silvio Sabatini, Vittorio Sanguineti-

SEED 2019 (selected in 2020)

- "EDURELL: EduResource knowledge graph extraction and in-context support to learners"
PI Ilaria Torre, Co-PI Mauro Coccoli, Fulvio Mastrogiovanni
- "DOC-NET: Distributed optimization for smart city networks"
PI Michela Robba, co-PI: Michele Aicardi, Riccardo Minciardi
- "MEUS: Management of Emergencies through Ubiquitous Sensing"
PI Antonio Sgorbissa, co-PI Massimo Maresca, Pierpaolo Baglietto

SEED 2018. (selected in 2019)

- "ReDesign: Responsibility, by Design"
PI Stefano Rovetta, co-PI Barbara Catania, Francesco Masulli
- "OBIWAN: Interaction with OBjects and Interaction With humAns: from neural correlates to partner models and Neuroergonomics"
PI Vittorio Sanguineti, co-PI Marco Baglietto, Silvio Paolo Sabatini
- "MOREorLESS: Learning to analyse human motion with a markerless approach"
PI Francesca Odone, co-PI Maura Casadio, Annalisa Barla
- "PEPSI: Pediatric Epilepsy Study by Imaging"
PI Marco Massimo Fato, co-PI Patrizia Boccacci, Andrea Canessa

SEED 2017

- *"Coding Open Lab: Boosting Computational Thinking with Pervasive and Collaborative Technologies"*
PI Giorgio Delzanno, co-PI: Giovanna Guerrini, Viviana Mascardi
- *"NatDroid "*
PI Alessio Merlo, co-PI Alessandro Armando, Davide Anguita
- *"Testing and run-time verification meet machine learning"*
PI Filippo Ricca, co-PI Davide Ancona, Nicoletta Noceti
- *"3DNeuro: 3-Dimensional engineered neuronal assemblies coupled to 3D Micro-Electrode Arrays: an in vitro system to study ablation effects on epileptic network activity"*
PI Paolo Massobrio, co-PI Laura Pastorino, Gabriele Arnulfo

SEED 2016

- *"Human-Aware Babler: Interactive, Talkative and Assistive Technology"*
PI Fulvio Mastrogiovanni, co-PI Francesca Odone, Fabio Solari
- *"Optimization and control of interacting complex networks: the case of electrical vehicles' routing problem in smart grids"*
PI Michela Robba, co-PI Massimo Paolucci, Riccardo Minciardi
- *"Unbounded data streams learning: Unsupervised methods and their application"*
PI Stefano Rovetta, co-PI Francesco Masulli, Marina Ribaudò
- *"SOFT micro-manufacturing Technologies for Bioengineering and Robotics Applications"*
PI Giorgio Cannata, co-PI Sergio Martinoia, Roberto Raiteri

SEED 2015

- *"Full Stack Quality for the Internet of Things"*
PI Filippo Ricca, co-PI Giorgio Delzanno, Davide Ancona
"Machine Learning & Data Mining for Education: Students Dropout Prediction at University of Genoa"
PI Luca Oneto, co-PI Giovanna Guerrini, Lorenzo Rosasco
"Detection of High Frequency Oscillations in Stereo-Electroencephalography with Sparse and Adaptive Dictionary Learning"
PI Annalisa Barla, co-PI Marco Fato, Massimo Narizzano

SEED 2014

- *" A multidisciplinary platform for the identification of pathogenetic pathways, symptoms, and treatments of Multiple Sclerosis "*
PI: Maura Casadio, Participants: Paolo Massobrio, Laura Pastorino
- *"SUPERMAN: soft and unconventional objects..."*
PI Fulvio Mastrogiovanni, Participants: Baglietto, Cannata, Casalino, Turetta, Zaccaria, ...
- *"Certificazione di dispositivi mobili per BYOD"*
PI: Alessio Merlo, Participants: Armando, Costa
- *" Human-human interaction: from cooperative sensorimotor control to temporal and affective entrainment"*
PI: Gualtiero Volpe, Participants: Camurri Antonio, Sanguineti Vittorio, Sanguineti Marcello

