



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

## Research Projects – SDG9 (109P&21C)

Funding	Program	Year	UNIVAQ role	Title	website	UNIVAQ Coordinator
European Research Funds	H2021	2023	COORDINATOR	<i>Twisted nanophotonic technology for integrated chiroptical sensing of drugs on a chip (TwistedNano)</i>	<a href="https://cordis.europa.eu/project/id/101046424">https://cordis.europa.eu/project/id/101046424</a>	ANDREA MARINI
European Research Funds	Horizon - MSCA 2022	2023	PARTNER	<i>Quantum Italy Deployment (QUID)</i>	<a href="https://www.ino.cnr.it/?p=21127&amp;lang=it">https://www.ino.cnr.it/?p=21127&amp;lang=it</a>	ANTONELLI CRISTIAN
European Research Funds	H2021	2022	PARTNER	<i>SoBigData Research Infrastructure Preparatory Phase Project (SoBigData RI PPP)</i>	<a href="https://cordis.europa.eu/project/id/101079043/it">https://cordis.europa.eu/project/id/101079043/it</a>	DI MARCO ANTONISCA
European Research Funds	H2021	2022	PARTNER	<i>Optical fiber higher order mode technologies and their application within communication, sensing and bio imaging</i>	<a href="https://cordis.europa.eu/project/id/101072409">https://cordis.europa.eu/project/id/101072409</a>	ANTONELLI CRISTIAN
European Research Funds	Horizon - MSCA 2022	2022/23	PARTNER	<i>Doctoral Training Network for Quantum Enhanced Optical Communication Network Security (QuNEST)</i>	<a href="https://euraxess.ec.europa.eu/jobs/191593">https://euraxess.ec.europa.eu/jobs/191593</a>	ANTONELLI CRISTIAN
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Engineered Machine Learning-intensive IoT systems (EMELIOT)</i>	PRIN - 2020W3A5FY PE6-3	DI RUSCIO DAVIDE
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>PHotonics Terahertz devices based on topological materials (PHOTO)</i>	PRIN PE7_5	MARINI ANDREA
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Characterization of the Lithosphere-Ionosphere coupling during seismic phenomena</i>	PRIN PE10_14	PIERSANTI MIRKO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Electrophotocatalysis by iridium (III) complexes for greener organic syntheses [HEPIrCOS]</i>	PRIN PE4_15	DI GIUSEPPE ANDREA



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Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>MOF20 - Metal Organic Framework-based electrocatalysts towards bio-inspired water splitting reaction</i>	PRIN PE5_2	LAZZARINI ANDREA
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Accurate fermentation monitoring through multi sensorial approach</i>	PRIN PE7_11	BARILE GIANLUCA
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Sustainable Management strategies of liquid waste for transition to circular economy through hydrodynamic cavitation technology</i>	PRIN PE8_2	INNOCENZI VALENTINA
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Towards the ultimate Dark Matter experiment: improved electrodes and neutron veto technologies for the next-generation xenon TPC for the direct detection of dark matter.</i>	PRIN PE9_9	MARCOLINO CARLA
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Engineering TOpological quantum phases in hexagonal TErnary coMpounds (TOTEM)</i>	PRIN PE3_4	BISTI FEDERICO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Engineered nano-heterostructures for a new generation of titania</i>	PRIN PE11_9	CARLO CANTALINI
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Enhanced Energy-Saving Powertrains for Freight E-Transportation</i>	PRIN PE7_2	BUCCELLA CONCETTINA
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>"THE-METHER" – THERmometric Method Enhancement for building wall THERmal Resistance evaluation</i>	PRIN PE8_3	AMBROSINI DARIO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Research and development of polymeric materials endowed with thermally and electrical conductivity properties based on graphene/copper coating and foams for the implementation of innovative heat exchangers.</i>	PRIN PE8_11	PAOLETTI ALFONSO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Precision medicine in renal replacement therapy for critically ill patients</i>	PRIN LS7_2	ROSSI FABRIZIO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Metamaterials design and synthesis with applications to infrastructure engineering</i>	PRIN PE11_13	DELL'ISOLA FRANCESCO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>TrustPACTX - Design of the Hybrid Society Humans-Autonomous Systems: Architecture, Trustworthiness,</i>	PRIN PE6_7	COSTANTINI STEFANIA



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				<i>Trust, EthICs, and EXplainability (the case of Patient Care) and EXplainability (the case of Patient Care)</i>		
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Intersection between endocannabinoid signaling and resolution of inflammation in Alzheimer's disease</i>	PRIN LS1_2	MACCARONE MAURO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Identification of priority sites for the conservation of terrestrial animal and plant diversity to meet European and CBD 2030 targets</i>	PRIN LS8_3	DI MUSCIANO MICHELE
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Multi-phase fault tolerant MW range generation systems for hybrid-electric aircrafts</i>	PRIN PE7_2	TURSINI MARCO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>ulTra-broadband phOto-thermal microscOpy for label-free biochemical Imaging of Cells and tissues (<b>TROPIC</b>)</i>	PRIN PE7_11	D'ARCHIVIO ANGELO ANTONIO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>PANTHEON: Perspectives in Astroparticle and Neutrino THEory with Old and New messengers</i>	PRIN PE2_2	VILLANTE FRANCESCO LORENZO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Buildings and Circular Economy. Steel from production to post-production. Law and responsibility issues</i>	PRIN PE8_3	MORGANTI RENATO TEOFILO GIUSEPPE
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Novel approaches for the characterization and modulation of the oncogenic Sonic Hedgehog pathway in colorectal cancer. Identification of new potential prognostic markers and therapeutic targets.</i>	PRIN LS3_5	ALESSE EDOARDO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Fighting Carbapenemases Resistance by Kinetic Guided Target Synthesis (<b>CARESS</b>)</i>	PRIN LS6_9	PERILLI MARIA GRAZIA
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Quantum Computing for Computational Chemistry and Materials Science</i>	PRIN PE4_13	GUIDONI LEONARDO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>CharacTeRization And modelling of iNtermediate Soils through Innovative approaches for robust design of straTegic Infrastructures and protection of risk-seNsitive areas (<b>TRANSITION</b>)</i>	PRIN PE8_3	MONACO PAOLA
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i><b>BeT</b>: Behavior-enabled IoT</i>	PRIN PE6_3	MUCCINI HENRY
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Probing the Exotic properties of gas and ions filled ICES under extreme conditions: from planetary interiors modelling to hydrogen storage and green Energy applications (<b>E-ICES</b>)</i>	PRIN PE3_1	PIERLEONI CARLO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i><b>DAREDEVIL</b>: DARK-mattEr-DEVlces-for-Low-energy-detection</i>	PRIN PE2_4	FERELLA ALFREDO DAVIDE



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Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Engineered basements for vibration protection of artworks and strategic sensitive equipment</i>	<i>PRIN PE8_3</i>	FERRETTI MANUEL
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Emergence of condensation-like phenomena in interacting particle systems: kinetic and lattice models. Fenomeni di condensazione in sistemi di particelle interagenti: modelli cinetici e su reticolo.</i>	<i>PRIN P1_12</i>	RUSCITTI PIERO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Sensors and Measurements Methods for aware BATteries Management in uninterruptable - <b>BATMA</b></i>	<i>PRIN PE7_2</i>	CIANCETTA FABRIZIO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i><b>TRex-SE: Trustworthy Recommenders for Software Engineers</b></i>	<i>PRIN PE6_3</i>	DI RUSCIO DAVIDE
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Light-programmed two-dimensional meta holograms for integrated neuromorphic computing</i>	<i>PRIN P3_10</i>	MARINI ANDREA
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Selective Induced Generation of New Active species using Light, Organocatalysis, and flow technology - <b>SIGNAL-ON</b></i>	<i>PRIN PE5_17</i>	CARLONE ARMANDO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i><b>CASCADE</b> (Criticality Analysis for Supply Chain Availability and Dependency Evaluation)</i>	<i>PRIN SH1_2</i>	FRATOCCHI LUCIANO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Geometry-driven Artificial Magnetism for magnetic resonance imaging (GAMING)</i>	<i>PRIN PE2_9</i>	RIZZA CARLO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>MicroALgae Based Biostimulants to mitigate BoTRYtis infection in TOMato (<b>ALTRYTOM</b>)</i>	<i>PRIN LS9_9</i>	MATTEI MARIA BENEDETTA
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Are facultative cave species drivers of metal contaminants into subterranean environments? (<b>METALCAVE</b>)</i>	<i>PRIN LS2_7</i>	LUNGHEN ENRICO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Modeling and Simulation of components and propagation channel for THz Wireless Communications graphene-based (<b>UPWARD</b>)</i>	<i>PRIN PE7_6</i>	CASSIOLI DAJANA
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Characterization of the immune inflammatory microenvironment of cutaneous squamous cell carcinoma and role of TILs during tumor progression</i>	<i>PRIN LS4_12</i>	FARGNOLI MARIA CONCETTA



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Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Non invasive procedures for prediction and diagnosis of rejection in the post-transplant period in Kidney transplant recipients by the use of new serum and urinary biomarkers (donor-derived cell free DNA, CTLA-4 and PD-1/PD-L1)</i>	PRIN LS7_2	PANARESE ALESSANDRA
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<b>RoboChor</b> : Robot Choreography	PRIN PE6_3	AUTILI MARCO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<b>RECHARGE</b> : monitoRing, dEtection, and CHaracterization of performAnce ReGrEssions	PRIN PE6_3	CORTELLESA VITTORIO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Molecular evaluation of the prognostic impact of BAP1 status in malignant pleural mesothelioma and renal cell carcinoma</i>	PRIN LS4_12	MUTTI LUCIANO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Implementation of a patient-derived 3D model of glioblastoma multiforme for the developing of extracellular vesicles-based drug delivery system (EXANDROID- Extracellular vesicles pAtieNt-DeRived 3d gbm mOdel drug dellvery Developing)</i>	PRIN LS1_13	GIUSTI ILARIA
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Molecular analysis of the mechanisms of action of the biocontrol agent <i>Papiliotrema terrestris</i> for its use in sustainable agriculture</i>	PRIN LS9_9	BENEDETTI MANUEL
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<b>FRINGE</b> : context-aware FaiRness engineeriNG in complex software systEms	PRIN PE6_3	DI RUSCIO DAVIDE
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Green Autonomic and Resilient Optical Multi-Core Networks (GASTON)</i>	PRIN PE7_8	MAROTTA ANDREA
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>PBLHsat-Machine learning-based improvement of planetary boundary layer height from atmospheric model simulations using CALIOP satellite and ACTRIS Earlinet ground-based lidar observations</i>	PRIN PE10_2	CURCI GABRIELE
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Development of two-dimensional environmental gas nano-sensors with enhanced selectivity through fluctuation spectroscopy (2DEGAS)</i>	PRIN PE3_4	PASSACANTANDO MAURIZIO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>PROtotype of Marine natural hazard Early-warning sysTem based on Ensemble fOrecasting (PROMETEO)</i>	PRIN PE10_8	FERRETTI ROSSELLA
Italian Research Funds	PNRR	2022/23	PARTNER	<i>Ecosistema di Innovazione, Digitalizzazione e Sostenibilità per l'Economia Diffusa nell'Italia Centrale (Progetto <b>Vitality</b>)</i>	<a href="https://fondazionevitality.it/">https://fondazionevitality.it/</a> PNRR ECS00000041	FABIO GRAZIOSI



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Italian Research Funds	PNRR	2022/23	PARTNER	<b>SoBigData.it</b> - Strengthening the Italian RI for Social Mining and Big Data Analytics	<a href="https://pnrr.sobigdata.it/">https://pnrr.sobigdata.it/</a> PNRR D.R.0000107.20-06-2022	BRUNO RUBINO
IT&EE Funds (Public)	Contract	2022/23	PARTNER	Ricerca e Sviluppo di soluzioni basate sull'integrazione sinergica di tecnologie Rail & Road	10666/2022/164/2022 del 01.02.2	MANES COSTANZO
European Research Funds	H2020	2021	PARTNER	AI-augmented framework to automate the continuous development of cyber-physical system - <b>AIDOaRt</b>	<a href="https://cordis.europa.eu/project/id/101007350">https://cordis.europa.eu/project/id/101007350</a>	ROMINA ERAMO
European Research Funds	H2020	2020	PARTNER	Verification and Validation of Automated Systems' Safety and Security - <b>VALU3S</b>	<a href="https://cordis.europa.eu/project/id/876852">https://cordis.europa.eu/project/id/876852</a>	FRANCESCO SMARRA
European Research Funds	H2020	2020	PARTNER	MOlecular Quantum Simulations - <b>MOQS</b>	<a href="https://cordis.europa.eu/project/id/955479">https://cordis.europa.eu/project/id/955479</a>	LEONARDO GUIDONI
European Research Funds	H2020	2020	PARTNER	Intelligent Reliability 4.0 - <b>IREL4.0</b>	<a href="https://cordis.europa.eu/project/id/876659">https://cordis.europa.eu/project/id/876659</a>	LUIGI POMANTE
European Research Funds	H2020	2020	PARTNER	OPTIMised video content delivery chains leveraging dataanalysis over joint multilayered computing and 5G radio network infrastructures - <b>OPTIMIST</b>	<a href="https://cordis.europa.eu/project/id/872866">https://cordis.europa.eu/project/id/872866</a>	LUIGI POMANTE
European Research Funds	H2020	2020	PARTNER	A Cognitive Fractal and Secure EDGE based on an unique Open-Safe-Reliable-Low Power Hardware Platform Node <b>FRACTAL</b>	<a href="https://cordis.europa.eu/project/id/877056">https://cordis.europa.eu/project/id/877056</a>	TANIA DI MASCIO
European Research Funds	H2020	2020	PARTNER	SoBigData-PlusPlus - SoBigData++: European Integrated Infrastructure for Social Mining and Big Data Analytics - <b>SoBigData++</b>	<a href="https://cordis.europa.eu/project/id/871042">https://cordis.europa.eu/project/id/871042</a>	ANTINISCA DI MARCO
European Research Funds	H2020	2020	COORDINATOR	Multicore Quantum key Exchanger - <b>MuQuAKE</b>	<a href="https://cordis.europa.eu/project/id/857156">https://cordis.europa.eu/project/id/857156</a>	ANTONIO MECOZZI
European Research Funds	H2020	2019	PARTNER	Training the Next Generation of Experts in Scalable Low-Code Engineering Platform - <b>LOWCOMOTE</b>	<a href="https://cordis.europa.eu/project/id/813884">https://cordis.europa.eu/project/id/813884</a>	ALFONSO PIERANTONIO
European Research Funds	H2020	2019	PARTNER	Framework of Key enabling technologies for safe and autonomous drones - <b>Comp4Drones</b>	<a href="https://cordis.europa.eu/project/id/826610">https://cordis.europa.eu/project/id/826610</a>	STEFANO DI GENNARO



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European Research Funds	H2020	2018	PARTNER	<i>Polvalot and Hybrid Persistence Architectures for Big Data Analytics - <b>TYPHON</b></i>	<a href="https://cordis.europa.eu/project/id/780251">https://cordis.europa.eu/project/id/780251</a>	DAVIDE DI RUSCIO
European Research Funds	H2020	2018	PARTNER	<i>Aggregate farming in the cloud - <b>AFARCLOUD</b></i>	<a href="https://cordis.europa.eu/project/id/783221">https://cordis.europa.eu/project/id/783221</a>	LUIGI POMANTE
European Research Funds	H2020	2018	PARTNER	<i>From the cloud to the edge – smart IntegraTion and OPTimization Technologies for highly efficient Image and Video processing Systems - <b>FITOPTIVIS</b></i>	<a href="https://cordis.europa.eu/project/id/783162">https://cordis.europa.eu/project/id/783162</a>	LUIGI POMANTE
European Research Funds	H2020	2017	PARTNER	<i>MegaModelling at Runtime - scalable model-based framework for continuous development and runtime validation of complex systems - <b>MegaMaRT2</b></i>	<a href="https://cordis.europa.eu/project/id/737494">https://cordis.europa.eu/project/id/737494</a>	VITTORIO CORTELLESSA
European Research Funds	H2020	2017	PARTNER	<i>Developer-Centric Knowledge Mining from Large Open-Source Software Repositories - <b>CROSSMINER</b></i>	<a href="https://cordis.europa.eu/project/id/732223">https://cordis.europa.eu/project/id/732223</a>	DAVIDE DI RUSCIO
European Research Funds	H2020	2017	PARTNER	<i>Future business models for the Efficient recovery of Natural and Industrial secondary resources in eXtended supply chains contexts - <b>FENIX</b></i>	<a href="https://cordis.europa.eu/project/id/760792">https://cordis.europa.eu/project/id/760792</a>	FRANCESCO VEGLIÒ
European Research Funds	H2020	2017	PARTNER	<i>Aggregated Quality Assurance for Systems - <b>AQUAS</b></i>	<a href="https://cordis.europa.eu/project/id/73747">https://cordis.europa.eu/project/id/73747</a>	LUIGI POMANTE
European Research Funds	FP7	2014	PARTNER	<i>Factories of the Future Resources Technology Infrastructure and Service for simulation and modelling - <b>FORTISSIMO</b></i>	<a href="https://cordis.europa.eu/project/id/609029">https://cordis.europa.eu/project/id/609029</a>	ISABELLA DAIDONE
European Research Funds	FP7	2014	PARTNER	<i>Embedded Multi-Core Systems for Mixed Criticality Applications in Dynamic and Changeable Real-Time Environments - <b>EMC2</b></i>	<a href="https://cordis.europa.eu/project/id/621429">https://cordis.europa.eu/project/id/621429</a>	LUIGI POMANTE
European Research Funds	LIFE	2017	PARTNER	<i>Pilot technology for aerobic Biodegradation of spent TMAH Photoresist solution in Semiconductor industries - <b>LIFE BITMAPS</b></i>	<a href="https://www.lifebitmaps.eu/">https://www.lifebitmaps.eu/</a>	MARINA PRISCIANDARO
Italian Research Funds	MIUR - PRIN	2022	PARTNER	<i>Engineered MachinE Learning-intensive IoT systems (<b>EMELIOT</b>)</i>	PRIN 2020W3A5FY_003	DAVIDE DI RUSCIO
Italian Research Funds	MIUR - PRIN	2022	PARTNER	<i>New perspectives for the exploitation of female reproductive potential in mammals: from the recovery of the untapped natural ovarian reserve to the generation of oocytes and granulosa cells from mesenchymal stem cells (<b>InfinitEGG</b>)</i>	PRIN 2020KL3S9H_004	GUIDO MACCHIARELLI
Italian Research Funds	MIUR - PRIN	2022	PARTNER	<i>PHOtonics Terahertz devices based on tOpological materials (<b>PHOTO</b>)</i>	PRIN 2020RPEPNH_005	ANDREA MARINI



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Italian Research Funds	MIUR - PRIN	2020	COORDINATOR	PRIN 2017HP5KH7 <i>Fiber Infrastructure for Research on Space-Division Multiplexed Transmission - FIRT</i>	<a href="https://www.santannapisa.it/en/research/projects/first-fiber-infrastructure-research-space-division-multiplexed-transmission">https://www.santannapisa.it/en/research/projects/first-fiber-infrastructure-research-space-division-multiplexed-transmission</a>	ANTONIO MECOZZI
Italian Research Funds	MIUR - PRIN	2020	COORDINATOR	<i>Advanced power-trains and -systems for full electric aircrafts</i>	PRIN 2017MS9F49	CARLO CECATI
Italian Research Funds	MIUR - PRIN	2020	PARTNER	<i>Solutions for Engineering Microservice Architectures - SISMA</i>	PRIN 201752ENYB <a href="http://sisma-prin2017.gitlab.io/">http://sisma-prin2017.gitlab.io/</a>	PAOLA INVERARDI
Italian Research Funds	MIUR - PRIN	2020	PARTNER	PRIN 2017RTYN2N: <i>Wireless Power Transfer for Wearable and Implantable Devices - WPT4WID</i>	<a href="https://dei.unibo.it/it/ricerca/progetti-di-ricerca/progetti-nazionali/progetti-a-finanziamento-nazionale/projects-with-national-funding/prin-wpt4wid-wireless-power-transfer-for-wearable-and-implantable-devices">https://dei.unibo.it/it/ricerca/progetti-di-ricerca/progetti-nazionali/progetti-a-finanziamento-nazionale/projects-with-national-funding/prin-wpt4wid-wireless-power-transfer-for-wearable-and-implantable-devices</a>	MAURO FELIZIANI
Italian Research Funds	MIUR - PRIN	2020	COORDINATOR	<i>Structure-preserving approximation of evolutionary problems</i>	PRIN 2017JYCLSF	RAFFAELE D'AMBROSIO
Italian Research Funds	MIUR - PRIN	2020	PARTNER	<i>Circumterrestrial Environment: Impact of Sun-Earth Interaction - CEI6</i>	PRIN 2017APK7T	MASSIMO VELLANTE





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Italian Research Funds	MIUR - PRIN	2020	PARTNER	<i>The Dark Universe: A Synergic Multimessenger Approach -</i>	PRIN 2017X7X85K	ZOURAD BEREJANI
Italian Research Funds	MIUR - PRIN	2020	PARTNER	<i>Tuning and understanding Quantum phases in 2D materials - Quantum2D</i>	PRIN 2017Z8TS5B <a href="https://www.spin.cnr.it/research/projects-grants">https://www.spin.cnr.it/research/projects-grants</a>	GIANNI PROFETA
Italian Research Funds	MIUR - PRIN	2020	PARTNER	<i>Neutrino and Astroparticle Theory Network - AT-NET</i>	PRIN 2017W4HA7S	FRANCESCO VILLANTE
Italian Research Funds	PON-MITE CIR01_00015	2021	COORDINATOR	<i>PER-ACTRIS-IT Potenziamento della componente italiana della Infrastruttura \ndi Ricerca Aerosol, Clouds and Trace Gases Research Infrastructure - Rafforzamento del capitale umano.</i>	prot. n. 13841	VINCENZO RIZI
IT&EE Funds (Public)	MISE FSC	2021	COORDINATOR	<i>SICURA - caSa Intelligente delle teCnologie per la sicUREzza - L'Aquila - SICURA</i>	<a href="https://www.cueim.org/sicura-casa-tecnologie-emergenti-a-laquila-il-cueim-e-partner-del-progetto/">https://www.cueim.org/sicura-casa-tecnologie-emergenti-a-laquila-il-cueim-e-partner-del-progetto/</a>	FABIO GRAZIOSI
IT&EE Funds (Public)	PON	2021	COORDINATOR	<i>Development of computational framework for high-fidelity simulations, \n2- High-fidelity 3D simulations of large scale SRM</i>	Contract n. 2992/77	ANDREA DI MASCIO
IT&EE Funds (Public)	MISE FSC	2019	COORDINATOR	<i>Potenziamento degli UTT per una loro maggiore focalizzazione sulla protezione e trasferimento dei titoli di proprietà industriale relativi a specifici settori produttivi -</i>	<a href="https://ricerca-delibere.programmazioneeconomica.gov.it/70-21-">https://ricerca-delibere.programmazioneeconomica.gov.it/70-21-</a>	LUCIANO FRATOCCHI
IT&EE Funds (Public)	Delibera CIPE 70/2017	2019	COORDINATOR	<i>Centre of EXcellence (EX) su veicolo connesso, geo-localizzato e cybersicuro (EX-Emerge) -</i>	<a href="https://ricerca-delibere.programmazioneeconomica.gov.it/70-21-novembre-2019/">https://ricerca-delibere.programmazioneeconomica.gov.it/70-21-novembre-2019/</a>	FORTUNATO SANTUCCI



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IT&EE Funds (Public)	PON	2021	COORDINATOR	<i>Sistema elettronico per automazione Industriale - PROTRACKProg n. F/190137/00/X44</i>	Contract n.1181/26	VINCENZO STORNELLI
IT&EE Funds (Public)	PON	2021	COORDINATOR	<i>Redazione dello studio idrodinamico integrativo per il progetto Masterplan PSRA/07 denominato "Deviazione del porto canale di pescara - 1° stralcio - completamento pennello di foce e scogliera di radicamento"</i>	Contract	MARCELLO DI RISIO
IT&EE Funds (Public)	PON	2021	COORDINATOR	<i>Development and the manufacture of a sample unit of the Universal Data Logger (UDL) device according to the following project activities:- Design and realization of robust prototype for a Universal Data Logger, that receive data from different sources</i>	Contract n.925/27	GIANLUCA BARILE
IT&EE Funds (Public)	PON	2021	COORDINATOR	TERENCE	06RICUNEUVIT	PIERPAOLO VITTORINI
IT&EE Funds (Public)	Ministero Difesa	2021	COORDINATOR	QUASAR - Quantum Safe Network	Contract CIG: ZF929D03BE	DAJANA CASSIOLI
IT&EE Funds (Public)	PNR	2021	COORDINATOR	CONTRATTO PNR	DM 737 - PNR	MARCO DE LUCA
IT&EE Funds (Public)	PNR	2021	COORDINATOR	<i>Ricerca e Sviluppo di soluzioni basate sull'integrazione sinergica di tecnologie Rail &amp; Road</i>	10666/2022/164/2022 del 01.02.2	COSTANZO MANES
IT&EE Funds (Public)	PON	2020	COORDINATOR	PON-AIM		FILIPPO MIGNOSI
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>Realizzazione di una macchina elettrica sincrona a magneti permanenti nel rispetto delle specifiche tecniche SCD139</i>	Contract n. 3230/81	MARCO VILLANI
IT&EE Funds (Public)	Contract Municipality	2021	COORDINATOR	<i>Analisi e caratterizzazione di un catalizzatore per l'ossidazione del monossido di carbonio installato nella centrale di Priolo</i>	Contract n. 4349/185/2021	FRANCESCO SMARRA
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>Sviluppo di un sistema di ricarica wireless per dispositivi mobili di media potenza</i>	Contract n.2806/74	TOMMASO CAMPI
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>Attività di Ricerca e Sviluppo sull'Analisi sperimentale e di processo in scala laboratorio e pilota dei processi di recupero di metalli preziosi e base da affluenti del settore galvanico -</i>	Contract n.1406/35	FRANCESCO VEGLIÒ



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IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>Recupero di terre rare da RAEE e rifiuti industriali: Analisi di fattibilità Tecnico Economica</i>	Contract n. 3920/91	FRANCESCO VEGLIÒ
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>TASI SSF2</i>	Contract n. 1520101416	ROMINA ERAMO
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>Avionic IFF reply processing for azimuth estimation</i>	Contract n. 57/2022/1/2022	PIERO TOGNOLATTI
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>La sperimentazione di una soluzione che riscaldi l'olio motore in aspirazione alla pompa del motore Firefly T4 condotta con prove su strada</i>	Contract n. 87/2022/3/2022	DAVIDE DI BATTISTA
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>Assistenza nella sperimentazione di pompe olio trascinate elettricamente finalizzata alla determinazione della potenza assorbita e, per integrazione, dell'energia assorbita durante prove statiche e prove dinamiche</i>	Contract n. 104/2022/4/2022	DAVIDE DI BATTISTA
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>Installazione, manutenzione ed assistenza alla gestione di stazioni di monitoraggio della Rete Ondametrica Nazionale (RON) - Caratterizzazione matematica del sistema scafo-ormeggio</i>	Contract	MARCELLO DI RISIO
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>Analisi di processo e dimensionamento preliminare di un impianto per il recupero di accumulatori Litio-ione</i>	Contract n. 394/2022/15/2022	FRANCESCO FERELLA
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>Diagnosi predittiva dei fenomeni di corrosione elettrolitica da correnti vaganti - Analisi e Sviluppo di modelli circuitali orientati a supportare metodi e algoritmi di diagnostica predittiva dei fenomeni di corrosione elettrolitica da correnti vaganti in ambito ferroviario</i>	Contract	ANTONIO ORLANDI
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>ECONET: Attività di supervisione e validazione riguardanti gli algoritmi di supporto decisionale al monitoraggio delle strutture della Rete Ferroviaria Italiana</i>	Contract n. 4794/199/2021	STEFANIA COSTANTINI
IT&EE Funds (Private)	Contract	2021	COORDINATOR	<i>Progettazione Hardware firmware di una piattaforma elettronica di programmazione, test e debug per i</i>	Contract n. 161/2022/5/2022	ALFIERO LEONI



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				<i>dispositivi DeepSense</i>		
IT&EE Funds (Private)	Contract	2020	COORDINATOR	<i>A dosimetric characterization of the NTP rodent bioassays reverberating exposure chambers -</i>	Contract n.2184/57	VALERIO DE SANTIS
IT&EE Funds (Private)	Contract	2020	COORDINATOR	<i>Sviluppo dispositivo ICT per stima risparmio energetico FTB</i>	Contract n. 1304/32/2020	ALESSANDRO D'INNOCENZO
European Research Funds	H2020	2016	PARTNER	<i>User-centric Middleware Architecture for AdvancedService Provisioning in Future Networks - <b>CASPER</b></i>	<a href="https://cordis.europa.eu/project/id/645393">https://cordis.europa.eu/project/id/645393</a>	LUIGI POMANTE
European Research Funds	H2020	2016	PARTNER	<i>Convergence of Electronics and Photonics Technologiesfor Enabling Terahertz Applications - <b>CELTA</b></i>	<a href="https://cordis.europa.eu/project/id/675683">https://cordis.europa.eu/project/id/675683</a>	GIORGIO LEUZZI
European Research Funds	H2020	2016	PARTNER	<i>Safe Cooperating Cyber-Physical Systems using WirelessCommunication - <b>SafeCOP</b></i>	<a href="https://cordis.europa.eu/project/id/692529">https://cordis.europa.eu/project/id/692529</a>	LUIGI POMANTE
European Research Funds	H2020	2016	PARTNER	<i>Mobile health-Care system for monitoring toxicity and symptoms in cAnCer patients Receiving diseasEoriented therapy - <b>iCARE</b></i>	<a href="https://cordis.europa.eu/project/id/693680">https://cordis.europa.eu/project/id/693680</a>	ANTINISCA DI MARCO
European Research Funds	H2020	2015	PARTNER	<i>Modelling and computation of Shocks and Interfaces - <b>ModCompShock</b></i>	<a href="https://cordis.europa.eu/project/id/642768">https://cordis.europa.eu/project/id/642768</a>	DONATELLA DONATELLI
Italian Research Funds	MIUR - PRIN	2015	COORDINATOR	<i>Scheduling cuts: new optimization models and algorithms for cutting, packing and nesting in manufacturing processes -</i>	PRIN 20153TXRX9	CLAUDIO ARBIB
Italian Research Funds	MIUR - PRIN	2015	PARTNER	<i>Governing Adaptive and Unplanned Systems of Systems - <b>GAUSS</b></i>	PRIN 2015KWREMX	PAOLA INVERARDI
Italian Research Funds	MIUR - PRIN	2015	PARTNER	<i>Millimetre-wave GaN based radar system for early detection of micro unmanned aerial vehicles</i>	PRIN 2015CPC2MA	GIORGIO LEUZZI
Italian Research Funds	MIUR - PRIN	2015	PARTNER	<i>Hyperbolic Systems of Conservation Laws and Fluid Dynamics: Analysis and Applications -</i>	PRIN 2015YCY3A	PIERANGELO MARCATI