



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

## Research Projects – SDG7 (24P&5C)

Funding Source	Program	Year	UNIVAQ role	Title	Website / contract number	UNIVAQ Coordinator
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>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><b>DAREDEVIL</b>: DARK-mattEr-DEVlces-for-Low-energy-detection</i>	PRIN PE2_4	FERELLA ALFREDO DAVIDE
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i><b>CarbonCity</b>: a prototype observing system for the continuous measurement of city-scale carbon dioxide net emissions</i>	PRIN PE10_3	CURCI GABRIELE
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>One SUSTainability vision in Dairy farms: a big Data approach for a perspective Decision-making (<b>SUS3D</b>)</i>	PRIN LS9_10	DI BATTISTA DAVIDE
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Gases with nanoparticles as working fluid for CSP technologies (<b>nanocSP</b>)</i>	PRIN PE8_6	DI BATTISTA DAVIDE
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	<i>Organic Solar Cells: identification and removal of charge recombination pathways</i>	PRIN P5_2	ASCHI MASSIMILIANO



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Italian Research Funds	MIUR PRIN	2022/23	PARNER	Recovery of bio-based volatile fatty acids from digestates ( <b>RECREATE</b> )	PRIN PE8_2	INNOCENZI VALENTINA
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	Engineered robust-composite photoelectrodes with enhanced durability and solar-to chemical energy conversion	PRIN PE11_5	CANTALINI CARLO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	SHEEP: Symmetry-broken HEterostrucTurEs for Photovoltaic applications	PRIN PE3_4	BISTI FEDERICO
Italian Research Funds	MIUR PRIN	2022/23	PARTNER	Innovative nanomaterials as electrocatalysts for hydrogen evolution reaction - <b>IVANOHE</b>	PRIN - 17G22001230005	ANTONIO POLITANO
Italian Research Funds	MIUR - PRIN	2022	PARTNER	H2ICE: development of a hydrogen fueled hybrid powertrain for urban buses	PRIN 2020R92Y3Z_002	ROBERTO CIPOLLONE
IT&EE Funds (Public)	Contract Municipality	2021	COORDINATOR	Analisi e caratterizzazione di un catalizzatore per l'ossidazione del monossido di carbonio installato nella centrale di Priolo	Contract n. 4349/185/2021	FRANCESCO SMARRA
IT&EE Funds (Private)	Contract	2022	COORDINATOR	Progettazione Hardware firmware di una piattaforma elettronica di programmazione, test e debug per i dispositivi DeepSense	Contract n. 394/2022/15/2022	FRANCESCO FERELLA
IT&EE Funds (Private)	Contract	2021	COORDINATOR	Ricerche per la definizione di nuove famiglie di statoriavvolti	Contract n. 3131/80	MARCO VILLANI
IT&EE Funds (Private)	Contract	2021	COORDINATOR	Sviluppo di un sistema di ricarica wireless per dispositivi mobili di media potenza	Contract n.2806/74	TOMMASO CAMPI
IT&EE Funds (Private)	Contract	2020	COORDINATOR	Sviluppo dispositivo ICT per stima risparmio energetico FTB	Contract n. 1304/32/2020	ALESSANDRO D'INNOCENZO
IT&EE Funds (Public)	P.O. FESR Abruzzo	2019	PARTNER	Sviluppo di una piattaforma tecnologica di componenti hi-tech per la propulsione Ibrida di supporto alla transizione "Full Electric" -	<a href="https://www.regione.abruzzo.it/content/efficientamento-energetico-pubblicate-graduatorie-progetti-ammessi">https://www.regione.abruzzo.it/content/efficientamento-energetico-pubblicate-graduatorie-progetti-ammessi</a>	ROBERTO CIPOLLONE
IT&EE Funds (Public)	PON-PNR	2019	COORDINATOR	Ars01_008811: Bioraffineria integrata per la produzione di biodiesel da microalghe. - <b>ORIGAMI</b>	<a href="https://www.unibo.it/it/ricerca/progetti-e-iniziative/progetti-pon-pnr/origami">https://www.unibo.it/it/ricerca/progetti-e-iniziative/progetti-pon-pnr/origami</a>	M. BENEDETTA MATTEI
IT&EE Funds (Public)	Delibera CIPE70/2017	2019	COORDINATOR	Centre of EXcellence (EX) su veicolo connesso, geo-localizzato e cybersicuro ( <b>EX-Emerge</b> )	<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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European Research Funds	H2020	2019	PARTNER	Next generation metamaterial-based SMART and FLEXible Optical Solar Reflectors - <b>SMART-FLEX</b>	<a href="https://cordis.europa.eu/project/id/821932">https://cordis.europa.eu/project/id/821932</a>	LUCA LOZZI
European Research Funds	H2020	2018	PARTNER	Chemical looping gasification for sustainable production of biofuel - <b>CLARA</b>	<a href="https://cordis.europa.eu/project/id/817841">https://cordis.europa.eu/project/id/817841</a>	KATIA GALLUCCI
European Research Funds	H2020	2018	PARTNER	From the cloud to the edge - smart IntegraTion and OPTimization Technologies for highly efficient Image and Video processing Systems - <b>FITOPTIVIS</b>	<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	Rare Earth Free e-Drives featuring low-cost manufacturing - <b>REFREEDRIVE</b>	<a href="https://cordis.europa.eu/project/id/770143">https://cordis.europa.eu/project/id/770143</a>	MARCO VILLANI
Italian Research Funds	MIUR - PRIN	2017	COORDINATOR	Advanced power-trains and -systems for full electric aircrafts -	<a href="#">PRIN 2017MS9F49:</a>	CARLO CECATI
Italian Research Funds	MIUR - PRIN	2015	PARTNER	La filiera corta nel settore biomasse-legno: approvvigionamento, tracciabilità, certificazione e sequestro di Carbonio. Innovazioni per la bioedilizia	<a href="#">PRIN 2015YW8JWA</a>	MASSIMO FRAGIACOMO
Italian Research Funds	MIUR - PRIN	2015	PARTNER	Millimetre-wave GaN based radar system for early detection of micro unmanned aerial vehicles	<a href="#">PRIN 2015CPC2MA</a>	GIORGIO LEUZZI