




Potential supervisors




Information Sciences and Engineering (ENG)

Supervisor	Email	Department	Free key words	Website
Lamberto Ballan 	lamberto.ballan@unipd.it	Department of Mathematics	Computer vision, Machine learning, Artificial Intelligence	Link personal page Link project Link research
Massimiliano Barolo	max.barolo@unipd.it	Department of Industrial Engineering	Pharmaceutical engineering, Data analytics for process optimization, Personalized medicine	Link
Nicola Bellotto	nicola.bellotto@unipd.it	Department of Information Engineering	Robotics, Artificial Intelligence, Machine Perception	Link personal page Link project
Alessandra Bertoldo	alessandra.bertoldo@unipd.it	Department of Information Engineering	Neuroimaging, Neuroengineering, Multimodal brain data integration	Link







Supervisor	Email	Department	Free key words	Website
Fabrizio Bezzo	fabrizio.bezzo@unipd.it	Department of Industrial Engineering	Carbon capture sequestration and utilization, microalgae-based technology, process systems engineering	Link
Lisa Biasetto	lisa.biasetto@unipd.it	Department of Management and Engineering	Metal matrix composites, Additive manufacturing, Biomaterials	Link personal page Link project
Ettore Bolisani	ettore.bolisani@unipd.it	Department of Management and Engineering	Knowledge Management, Innovation Management, Technology Management	Link
Irene Calliari	irene.calliari@unipd.it	Department of Industrial Engineering	Physical metallurgy, Material science	Link Link project
Sergio Canazza Targon	canazza@dei.unipd.it	Department of Information engineering	Sound and music computing, musical cultural heritage	Link personal page Link project




Supervisor	Email	Department	Free key words	Website
Simone Carmignato 	simone.carmignato@unipd.it	Department of Management and Engineering	Precision and additive manufacturing (3D printing), Dimensional metrology, X-ray computed tomography	Link personal page Link project
Giovanna Cavazzini	giovanna.cavazzini@unipd.it	Department of Industrial Engineering	CFD, Fluid machines, Design and optimization	Link personal page Link research
Elisa Cimetta 	elisa.cimetta@unipd.it	Department of Industrial Engineering	Microscale Technologies, Cancer, 3D Bioprinting	Link
Giacomo Colombatti	giacomo.colombatti@unipd.it	Department of Industrial Engineering	Environmental pollution, Drones, Space exploration	Link personal page
Paolo Colombo 	paolo.colombo@unipd.it	Department of Industrial Engineering	Additive Manufacturing, Ceramics, Geopolymers	Link project



Supervisor	Email	Department	Free key words	Website
Fosca Conti	fosca.conti@unipd.it	Department of Chemical Sciences	Materials, Energy, Environment	Link
Mauro Conti 	mauro.conti@unipd.it	Department of Mathematics	Computer Security, Privacy, Internet of Things (IoT)	Link
Monica Dettin 	monica.dettin@unipd.it	Department of Industrial Engineering	Peptide, Biomaterials, Self-assembling	
Barbara Di Camillo	barbara.dicamillo@unipd.it	Department of Information Engineering	Computational genomics, Single cell, Machine learning	Link personal page Link project
Nicola Elvassore  	nicola.elvassore@unipd.it	Department of Industrial Engineering	Stem cell engineering, Organoids, Microfluidics, Intravital 3D bioprinting	Link





Supervisor	Email	Department	Free key words	Website
Flora Faleschini	flora.faleschini@unipd.it	Department of Civil, Environmental and Architectural Engineering	Concrete, Civil engineering, Recycled materials	Link
Ugo Galvanetto	ugo.galvanetto@unipd.it	Department of Industrial Engineering	Computational mechanics, Structural damage, Nonlinear problems	Link personal page Link project
Stefano Ghidoni	stefano.ghidoni@unipd.it	Department of Information Engineering	Computer vision, Robot vision, Human-robot collaboration	Link
Massimo Guarnieri	massimo.guarnieri@unipd.it	Department of Industrial Engineering	Industrial scale Redox Flow Batteries, Electric waterborne mobility with solid state batteries and fuel cell, Microgrids	Link personal page Link project
Antonia Larese 	antonia.larese@unipd.it	Department of Mathematics	Computational Mechanics, Computational Fluid Dynamics, Coupled Problems	Link personal page Link project




Supervisor	Email	Department	Free key words	Website
Basilio Lenzo	basilio.lenzo@unipd.it	Department of Industrial Engineering	Vehicle dynamics, State estimation, Vehicle control	Link personal page Link project
Eleonora Losiuk	eleonora.losiouk@unipd.it	Department of Mathematics	Software security, Android security	Link personal page
Marco Marani	marco.marani@unipd.it	Department of Civil, Environmental and Architectural Engineering	Hydrology, Eco-hydrology, Extreme events, Floods and droughts	Link personal page Link project
Paolo Mattavelli	paolo.mattavelli@unipd.it	Department of Management and Engineering	Power Electronics, Control in Power Electronics applied to Power Systems, Renewable Energy Systems	Link personal page Link project
Matteo Meneghini	matteo.meneghini@unipd.it	Department of Information Engineering	GaN, SiC, Optoelectronics	Link personal page



Supervisor	Email	Department	Free key words	Website
Andrea Neviani	neviani@dei.unipd.it	Department of Information Engineering	RF/mm-waves integrated circuits, low-power integrated dc-dc converters and regulators	Link personal page Link project
Lucia Nicola 	lucia.nicola@unipd.it	Department of Information Engineering	Computational Materials Science, Dislocations, Tribology	Link
Claudio Enrico Palazzi	cpalazzi@math.unipd.it	Department of Mathematics	Mobile computing and networking	Link
Marco Pasetto	marco.pasetto@unipd.it	Department of Civil, Environmental and Architectural Engineering	Roads, Railways, Airports	Link
Morten Gram Pedersen 	mortengram.pedersen@unipd.it	Department of Information Engineering	Mathematical cell biology, Applied dynamical systems theory, Biophysical modelling	Link




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Francesco Picano	francesco.picano@unipd.it	Department of Industrial Engineering	Fluid dynamics, Aerodynamics, CFD	Link
Francesco Pirotti	francesco.pirotti@unipd.it	Department of Land, Environment, Agriculture and Forestry	Remote sensing, Geospatial analysis, Artificial intelligence	Link
Cinzia Pizzi	cinzia.pizzi@unipd.it	Department of Information Engineering	Algorithms and data structures, Bioinformatics and Computational Biology, Pattern matching and discovery	Link
Marino Quaresimin	marino.quaresimin@unipd.it	Department of Management and Engineering	Polymeric composites, Damage mechanics, Predictive modelling	Link personal page Link project
Antonio Rodà 	antonio.roda@unipd.it	Department of Information Engineering	Sound and music computing, Trustworthy AI	Link personal page




Supervisor	Email	Department	Free key words	Website
Zimi Sawacha	zimi.sawacha@unipd.it	Department of Information Engineering	Human movement Biomechanics, Computer vision, Neurological musculoskeletal disease	Link personal page Link project
Lorenzo Sanavia	lorenzo.sanavia@unipd.it	Department of Civil, Environmental and Architectural Engineering	Computational environmental geomechanics, Non-isothermal multiphase porous media mechanics, Coupled problems	Link personal page Link project
Enrico Savio	enrico.savio@unipd.it	Department of Industrial Engineering	Precision manufacturing, In-process metrology, Additive manufacturing	Link personal page Link project
Gianpaolo Savio	gianpaolo.savio@unipd.it	Department of Civil, Environmental and Architectural Engineering	Design for Additive Manufacturing, Geometric dimensioning and tolerancing, Geometric modeling	Link
Luca Schenato	l.schenato@unipd.it	Department of Industrial Engineering	Multi-agent distributed control, Cyber-physical control systems, Control over wireless	



Supervisor	Email	Department	Free key words	Website
Roberto Scotta	roberto.scotta@unipd.it	Department of Civil, Environmental and Architectural Engineering	Timber structures, Fluid-Structure interaction, Seismic Retrofitting	Link personal page Link project
Gianmaria Silvello	silvello@dei.unipd.it	Department of Information Engineering	Information retrieval, Keyword search, Data provenance and citation	Link
Francesco Silvestri	silvestri@dei.unipd.it	Department of Information Engineering	Algorithms, Machine learning, Differential privacy	Link
Angelo Simone 	angelo.simone@unipd.it	Department of Industrial Engineering	Computational Mechanics, Multiscale modeling, Finite Element methods	Link
Michele Scquizzato	scquizza@math.unipd.it	Department of Mathematics	Algorithms	Link personal page



Supervisor	Email	Department	Free key words	Website
Gian Antonio Susto	sustogia@dei.unipd.it	Department of Information Engineering	Deep Learning, Machine Learning, Industry 4.0	
Anna Stoppato	anna.stoppato@unipd.it	Department of Industrial Engineering	Energy systems, LCA, waste heat recovery systems	Link research
Pietro Teatini 	pietro.teatini@unipd.it	Department of Civil, Environmental and Architectural Engineering	Natural and anthropogenic land subsidence, Numerical geomechanics, Coastal hydrogeology	Link
Stefano Tomasin	stefano.tomasin@unipd.it	Department of Information Engineering	Wireless Systems, Machine Learning, Security	Link
Fabio Vandin	fabio.vandin@unipd.it	Department of Information Engineering	Data mining, Bioinformatics, Computational biology	Link



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Tullio Vardanega	tullio.vardanega@unipd.it	Department of Mathematics	Embedded real-time systems, Elastic scalability solutions for Cloud computing, Software engineering methods and tools	Link personal page Link research
Stefano Vassanelli	stefano.vassanelli@unipd.it	Department of Biomedical Sciences	Brain-computer interfaces, Neuroengineering, Brain-inspired nanodevices	Link
Mattia Veronese	mattia.veronese@unipd.it	Department of Information Engineering	Neuroimaging, Data analysis, Brain disorders	Link project
Mirco Zaccariotto	mirco.zaccariotto@unipd.it	Department of Industrial Engineering	Computational mechanics, Peridynamics, Structural damage	Link personal page



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