



## Potential supervisors



### Information Sciences and Engineering (ENG)

| Supervisor   | Email  | Department  | Free key words   | Website   |
|--|--|---|--|---|
| Lamberto Ballan<br> | <a href="mailto:lamberto.ballan@unipd.it">lamberto.ballan@unipd.it</a>         | <a href="#">Department of Mathematics</a>             | Computer vision,<br>Machine learning,<br>Artificial Intelligence   | <a href="#">Link personal page</a><br><br><a href="#">Link project</a><br><a href="#">Link research</a> |
| Massimiliano Barolo  | <a href="mailto:max.barolo@unipd.it">max.barolo@unipd.it</a>                   | <a href="#">Department of Industrial Engineering</a>  | Pharmaceutical engineering,<br>Data analytics for process optimization,<br>Personalized medicine             | <a href="#">Link</a>  |
| Alessandra Bertoldo  | <a href="mailto:alessandra.bertoldo@unipd.it">alessandra.bertoldo@unipd.it</a> | <a href="#">Department of Information Engineering</a> | Neuroimaging,<br>Neuroengineering,<br>Multimodal brain data integration                                      | <a href="#">Link</a>  |
| Fabrizio Bezzo   | <a href="mailto:fabrizio.bezzo@unipd.it">fabrizio.bezzo@unipd.it</a>           | <a href="#">Department of Industrial Engineering</a>  | Carbon capture sequestration and utilization,<br>microalgae-based technology,<br>process systems engineering | <a href="#">Link</a>  |

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| Lisa Biassetto   | <a href="mailto:lisa.biassetto@unipd.it">lisa.biassetto@unipd.it</a>       | <a href="#">Department of Management and Engineering</a> | Metal matrix composites,<br>Additive manufacturing,<br>Biomaterials  | <a href="#">Link personal page</a><br><br><a href="#">Link project</a> |
| Ettore Bolisani  | <a href="mailto:ettore.bolisani@unipd.it">ettore.bolisani@unipd.it</a>     | <a href="#">Department of Management and Engineering</a> | Knowledge Management,<br>Innovation Management,<br>Technology Management                                   | <a href="#">Link</a>   |
| Irene Calliari   | <a href="mailto:irene.calliari@unipd.it">irene.calliari@unipd.it</a>       | <a href="#">Department of Industrial Engineering</a>     | Physical metallurgy,<br>Material science   | <a href="#">Link</a><br><br><a href="#">Link project</a>               |
| Sergio Canazza<br>Targon   | <a href="mailto:canazza@dei.unipd.it">canazza@dei.unipd.it</a>             | <a href="#">Department of Information engineering</a>    | Sound and music computing,<br>musical cultural heritage  | <a href="#">Link personal page</a><br><br><a href="#">Link project</a> |
| Simone Carmignato<br> | <a href="mailto:simone.carmignato@unipd.it">simone.carmignato@unipd.it</a> | <a href="#">Department of Management and Engineering</a> | Precision and additive manufacturing (3D printing),<br>Dimensional metrology,<br>X-ray computed tomography | <a href="#">Link personal page</a><br><br><a href="#">Link project</a> |


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| Giovanna Cavazzini   | <a href="mailto:giovanna.cavazzini@unipd.it">giovanna.cavazzini@unipd.it</a> | <a href="#">Department of Industrial Engineering</a>  | CFD,<br>Fluid machines,<br>Design and optimization          | <a href="#">Link personal page</a><br><br><a href="#">Link research</a> |
| Paolo Colombo<br> | <a href="mailto:paolo.colombo@unipd.it">paolo.colombo@unipd.it</a>           | <a href="#">Department of Industrial Engineering</a>  | Additive Manufacturing,<br>Ceramics,<br>Geopolymers         | <a href="#">Link project</a>  |
| Fosca Conti  | <a href="mailto:fosca.conti@unipd.it">fosca.conti@unipd.it</a>               | <a href="#">Department of Chemical Sciences</a>       | Materials,<br>Energy,<br>Environment                        | <a href="#">Link</a>  |
| Mauro Conti<br>  | <a href="mailto:mauro.conti@unipd.it">mauro.conti@unipd.it</a>               | <a href="#">Department of Mathematics</a>             | Computer Security,<br>Privacy,<br>Internet of Things (IoT)  | <a href="#">Link</a>  |
| Barbara Di Camillo   | <a href="mailto:barbara.dicamillo@unipd.it">barbara.dicamillo@unipd.it</a>   | <a href="#">Department of Information Engineering</a> | Computational genomics,<br>Single cell,<br>Machine learning | <a href="#">Link personal page</a><br><br><a href="#">Link project</a>  |

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| Flora Faleschini  | <a href="mailto:flora.faleschini@unipd.it">flora.faleschini@unipd.it</a>   | <a href="#">Department of Civil, Environmental and Architectural Engineering</a> | Concrete,<br>Civil engineering,<br>Recycled materials  | <a href="#">Link</a>   |
| Massimo Guarnieri   | <a href="mailto:massimo.guarnieri@unipd.it">massimo.guarnieri@unipd.it</a> | <a href="#">Department of Industrial Engineering</a>                             | Industrial scale Redox Flow Batteries,<br>Electric waterborne mobility with solid state batteries and fuel cell,<br>Microgrids | <a href="#">Link personal page</a><br><br><a href="#">Link project</a> |
| Antonia Larese<br> | <a href="mailto:antonia.larese@unipd.it">antonia.larese@unipd.it</a>       | <a href="#">Department of Mathematics</a>  | Computational Mechanics,<br>Computational Fluid Dynamics,<br>Coupled Problems  | <a href="#">Link personal page</a><br><br><a href="#">Link project</a> |
| Basilio Lenzo   | <a href="mailto:basilio.lenzo@unipd.it">basilio.lenzo@unipd.it</a>         | <a href="#">Department of Industrial Engineering</a>                             | Vehicle dynamics,<br>State estimation,<br>Vehicle control  | <a href="#">Link personal page</a><br><br><a href="#">Link project</a> |
| Marco Marani  | <a href="mailto:marco.marani@unipd.it">marco.marani@unipd.it</a>           | <a href="#">Department of Civil, Environmental and Architectural Engineering</a> | Hydrology,<br>Eco-hydrology,<br>Extreme events,<br>Floods and droughts   | <a href="#">Link personal page</a><br><br><a href="#">Link project</a> |

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| Andrea Neviani  | <a href="mailto:neviani@dei.unipd.it">neviani@dei.unipd.it</a>                 | <a href="#">Department of Information Engineering</a>                            | RF/mm-wave integrated circuits,<br>Integrated circuits for biomedical applications,<br>Neuromorphic circuits | <a href="#">Link personal page</a><br><br><a href="#">Link project</a> |
| Lucia Nicola<br>           | <a href="mailto:lucia.nicola@unipd.it">lucia.nicola@unipd.it</a>               | <a href="#">Department of Information Engineering</a>                            | Computational Materials Science,<br>Dislocations,<br>Tribology   | <a href="#">Link</a>   |
| Claudio Enrico Palazzi  | <a href="mailto:cpalazzi@math.unipd.it">cpalazzi@math.unipd.it</a>             | <a href="#">Department of Mathematics</a>  | Mobile computing and networking  | <a href="#">Link</a>   |
| Marco Pasetto   | <a href="mailto:marco.pasetto@unipd.it">marco.pasetto@unipd.it</a>             | <a href="#">Department of Civil, Environmental and Architectural Engineering</a> | Roads,<br>Railways,<br>Airports  | <a href="#">Link</a>   |
| Morten Gram Pedersen<br> | <a href="mailto:mortengram.pedersen@unipd.it">mortengram.pedersen@unipd.it</a> | <a href="#">Department of Information Engineering</a>                            | Modeling of cell biology,<br>Mathematical biology,<br>Applied dynamical systems,<br>Stochastic models        | <a href="#">Link</a>   |

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| Francesco Pirotti | <a href="mailto:francesco.pirotti@unipd.it">francesco.pirotti@unipd.it</a> | <a href="#">Department of Land, Environment, Agriculture and Forestry</a>        | Remote sensing,<br>Geospatial analysis,<br>Artificial intelligence   | <a href="#">Link</a>   |
| Cinzia Pizzi      | <a href="mailto:cinzia.pizzi@unipd.it">cinzia.pizzi@unipd.it</a>           | <a href="#">Department of Information Engineering</a>                            | Algorithms and data structures,<br>Bioinformatics and Computational Biology,<br>Pattern matching and discovery | <a href="#">Link</a>   |
| Marino Quaresimin | <a href="mailto:marino.quaresimin@unipd.it">marino.quaresimin@unipd.it</a> | <a href="#">Department of Management and Engineering</a>                         | Polymeric composites,<br>Damage mechanics,<br>Predictive modelling   | <a href="#">Link personal page</a><br><br><a href="#">Link project</a> |
| Enrico Savio      | <a href="mailto:enrico.savio@unipd.it">enrico.savio@unipd.it</a>           | <a href="#">Department of Industrial Engineering</a>                             | Precision engineering,<br>Manufacturing metrology,<br>Digital manufacturing                                    | <a href="#">Link personal page</a><br><br><a href="#">Link project</a> |
| Gianpaolo Savio   | <a href="mailto:gianpaolo.savio@unipd.it">gianpaolo.savio@unipd.it</a>     | <a href="#">Department of Civil, Environmental and Architectural Engineering</a> | Design for Additive Manufacturing,<br>Geometric dimensioning and tolerancing,<br>Geometric modeling            | <a href="#">Link</a>   |

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| Luca Schenato       | <a href="mailto:luca.schenato@unipd.it">luca.schenato@unipd.it</a>             | <a href="#">Department of Industrial Engineering</a>                             | Multi-agent distributed control,<br>Cyber-physical control systems,<br>Control over wireless | <a href="#">Link</a>   |
| Roberto Scotta      | <a href="mailto:roberto.scotta@unipd.it">roberto.scotta@unipd.it</a>           | <a href="#">Department of Civil, Environmental and Architectural Engineering</a> | Timber structures,<br>Fluid-Structure interaction,<br>Seismic Retrofitting                   | <a href="#">Link personal page</a><br><br><a href="#">Link project</a> |
| Gianmaria Silvello  | <a href="mailto:silvello@dei.unipd.it">silvello@dei.unipd.it</a>               | <a href="#">Department of Information Engineering</a>                            | Information retrieval,<br>Keyword search,<br>Data provenance and citation                    | <a href="#">Link</a>   |
| Francesco Silvestri | <a href="mailto:francesco.silvestri@unipd.it">francesco.silvestri@unipd.it</a> | <a href="#">Department of Information Engineering</a>                            | Algorithms for Big Data,<br>High performance computing,<br>Theoretical computer science      | <a href="#">Link</a>   |
| Angelo Simone       | <a href="mailto:angelo.simone@unipd.it">angelo.simone@unipd.it</a>             | <a href="#">Department of Industrial Engineering</a>                             | Computational Mechanics,<br>Multiscale modeling,<br>Finite Element methods                   | <a href="#">Link</a>   |

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| Michele Scquizzato   | <a href="mailto:scquizza@math.unipd.it">scquizza@math.unipd.it</a>     | <a href="#">Department of Mathematics</a>  | Algorithms  | <a href="#">Link personal page</a>                                      |
| Gian Antonio Susto   | <a href="mailto:sustogia@dei.unipd.it">sustogia@dei.unipd.it</a>       | <a href="#">Department of Information Engineering</a>                            | Deep Learning,<br>Machine Learning,<br>Industry 4.0   | <a href="#">Link personal page</a>                                      |
| Anna Stoppato  | <a href="mailto:anna.stoppato@unipd.it">anna.stoppato@unipd.it</a>     | <a href="#">Department of Industrial Engineering</a>                             | Energy systems,<br>LCA,<br>waste heat recovery systems  | <a href="#">Link personal page</a><br><br><a href="#">Link research</a> |
| Pietro Teatini<br> | <a href="mailto:pietro.teatini@unipd.it">pietro.teatini@unipd.it</a>   | <a href="#">Department of Civil, Environmental and Architectural Engineering</a> | Natural and anthropogenic land subsidence,<br>Numerical geomechanics,<br>Coastal hydrogeology | <a href="#">Link</a>  |
| Stefano Tomasin  | <a href="mailto:stefano.tomasin@unipd.it">stefano.tomasin@unipd.it</a> | <a href="#">Department of Information Engineering</a>                            | Wireless Systems,<br>Machine Learning,<br>Security  | <a href="#">Link</a>  |



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| Fabio Vandin       | <a href="mailto:fabio.vandin@unipd.it">fabio.vandin@unipd.it</a>             | <a href="#">Department of Information Engineering</a> | Data mining,<br>Bioinformatics,<br>Computational biology  | <a href="#">Link</a>  |
| Tullio Vardanega   | <a href="mailto:tullio.vardanega@unipd.it">tullio.vardanega@unipd.it</a>     | <a href="#">Department of Mathematics</a>             | Embedded real-time systems,<br><br>Elastic scalability solutions for Cloud computing,<br><br>Software engineering methods and tools | <a href="#">Link personal page</a><br><br><a href="#">Link research</a> |
| Stefano Vassanelli | <a href="mailto:stefano.vassanelli@unipd.it">stefano.vassanelli@unipd.it</a> | <a href="#">Department of Biomedical Sciences</a>     | Brain-computer interfaces,<br>Neuroengineering,<br>Brain-inspired nanodevices   | <a href="#">Link</a>  |
| Mattia Veronese    | <a href="mailto:mattia.veronese@unipd.it">mattia.veronese@unipd.it</a>       | <a href="#">Department of Information Engineering</a> | Neuroimaging,<br>Data analysis,<br>Brain disorders  | <a href="#">Link personal page</a><br><br><a href="#">Link project</a>  |



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