



Potential supervisors



Physics (PHY)

Supervisor	Email	Department	Free key words	Website
Lisa Biasetto	lisa.biasetto@unipd.it	Department of Management and Engineering	Metal matrix composites, Additive manufacturing, Biomaterials	Link personal page Link project
Mario Bortolozzi	mario.bortolozzi@unipd.it	Department of Physics and Astronomy	Biophysics, Imaging and electrophysiology, Calcium, Connexins and neuropaties	Link personal page Link project
Alessandra R. Brazzale	brazzale@stat.unipd.it	Department of Statistical Sciences	Astrostatistics, Biostatistics, Epidemiology	Link personal page Link project
Giovanni Carraro	giovanni.carraro@unipd.it	Department of Physics and Astronomy	Stellar Population, Galactic structure, Dark matter	Link
Giacomo Ciani	Giacomo.ciani@unipd.it	Department of Physics and Astronomy	Gravitational-waves, Laser, Squeezing	Link personal page Link project



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Supervisor	Email	Department	Free key words	Website
Michele Doro	michele.doro@unipd.it	Department of Physics and Astronomy	High Energy Astrophysics, Dark Matter Searches, Cosmic Ray Physics, Black Holes	Link
Alberta Ferrarini	alberta.ferrarini@unipd.it	Department of Chemical Sciences	Soft matter theory and simulations Chirality propagation Lipid vesicles and biomembranes	Link
Paola Marigo 	paola.marigo@unipd.it	Department of Physics and Astronomy	Universe Science, Stellar structure and evolution, Stellar nucleosynthesis, Gas opacities and molecular chemistry in stellar atmosphere, Stellar population synthesis of galaxies	Link personal page Link project
Amos Maritan	amos.maritan@unipd.it	Department of Physics and Astronomy	Statistical mechanics of ecological systems, Neuroscience, Non Equilibrium statistical physics	Link
Pierpaolo Mastrolia 	pierpaolo.mastrolia@unipd.it	Department of Physics and Astronomy	Fundamental interactions and fields, Theoretical Physics, Feynman Diagrams, Scattering Amplitudes, Higher Order Corrections	Link



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Supervisor	Email	Department	Free key words	Website
Giampaolo Mistura	giampaolo.mistura@unipd.it	Department of Physics and Astronomy	Microfluidics, Soft Matter, Functional surfaces	Link
Gianpaolo Piotto	gianpaolo.piotto@unipd.it	Department of Physics and Astronomy	Search for exoplanets: Transits and Radial Velocities, Exoplanet Atmospheres, Stellar populations in star clusters	Link personal page Link project
Cinzia Sada	cinzia.sada@unipd.it	Department of Physics and Astronomy	Opto-microfluidics, Integrated Optics, Particle Manipulation	Link personal page Link project
Gabriele Simi	gabriele.simi@unipd.it	Department of Physics and Astronomy	Experimental, Particle, High energy	Link personal page Link project 1 Link project 2 Link research 1 Link research 2
Samir Simon Suweis	samir.suweis@unipd.it	Department of Physics and Astronomy	Complex System, Network Physics, Quantitative Biology	Link



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Supervisor	Email	Department	Free key words	Website
Stefano Vassanelli	stefano.vassanelli@unipd.it	Department of Biomedical Sciences	Brain-computer interfaces, Neuroengineering, Brain-inspired nanodevices	Link
Paolo Villoresi 	paolo.villoresi@unipd.it	Department of Information Engineering	Quantum key distributions and quantum random number generator, Fundamental physics test in space using quantum communications, Integrated quantum technologies	Link
Marco Zanetti	marco.zanetti@unipd.it	Department of Physics and Astronomy	Experimental High Energy Physics, Muon Collider, Machine Learning for Physics modeling and applications	Link



[Supervisor of Marie Curie Fellows](#)



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For more information about the supervisor see: <http://www.unipd.it/en/researchers-university-padova>

For the complete list of MSCA descriptors see: https://ec.europa.eu/research/participants/portal/doc/call/h2020/msca-if-2015-ef/1645174-if_descriptors_2015_en.pdf