



Doctoral Course in Civil, Environmental and Mechanical Engineering Manifesto of studies a.y. 2018-2019

Period	Professor	Course	Location	Hours	Credits
13 November - 18 December 2018	Luca Deseri	Nonlinear mechanics of solids and structures	Trento	25	3
19 November - 20 December 2018	Stefano Siboni	Statistical methods and data analysis	Trento	36	4,5
8-18 January 2019	Riccardo Rigon	Modelling hydrological systems with Geoframe	Trento	64	8
21 January - 01 February 2019	Vincenzo Casulli	Advanced numerical methods for free-surface hydrodynamics	Trento	30	4
18 February - 01 March 2019	Alberto Valli - Ana Alonso Rodriguez	Mathematical Methods for Engineering	Trento	50	6
January - February 2019	Claudio Della Volpe	Advanced Thermodynamics	Trento	18	2
January - February 2019	Rosa Di Maggio	Thermal Analyses Applied to Processes for Energy Production and Storage	Trento	16	2
4 - 8 February 2019	Alberto Bellin - Bruno Majone - Alessandra Marzadri	Geostatistics	Trento	30	4
February - March 2019	Sara Favargiotti - Rocco Scolozzi (Department of Sociology and social research)	The City and the Futures. Perspectives and Experiences for Resilient Communities	Trento	24	3
11-15 March 2019	Paolo Zatelli - Alfonso Vitti - Marco Ciolli	Environmental data management and analysis with GIS	Trento	40	5



April - May 2019	Paolo Scardi	X-ray Diffraction applied to the study of polycrystalline materials: theory and practice	Trento	36	4.5
May - June 2019	Maria Giulia Cantiani	Urban and peri-urban forests: balancing economical, ecological and social values.	Trento	20	2.5
10-14 June 2019	Cristiano Loss (The University of British Columbia)	Lateral design and modeling of timber buildings	Trento	24	3
June 2019	Marco Ciolli - Clara Tattoni - Duccio Rocchini	Field sampling and Spatial Ecological Modelling	Trento	40	5
September 2019	Davide Geneletti - Francesco Orsi	Agent-based modeling for geographical applications	Trento	24	3