



PH.D. COURSE IN GEOSCIENCES Program of Ph.D. presentations – XXVI-XXXVII-XXXVIII series

September 5-7, 2023

September 5– XXXVIII series – 1st year student presentations

🕒	Candidate	Title of Ph.D. Thesis	Supervisor/co-Supervisor
h. 14:00	Bhookya Rajeshwari (zoom)	Assessing the Impact of Climate Change on Landslides in the Alpine environment	Floris
h. 14:10	Bubola Federica	Diagnostic study and assessment of the conservation state of the plaster replicas of the Colonna Traiana located in the Museo della Civiltà Romana (Rome)	Mazzoli/ Balliana
h. 14:20	Calzoni Pietro	Fish fauna paleobiodiversity during the early Paleogene greenhouse world: the Fossil-Lagerstätten record of northeastern Italy	Giusberti/ Carnevale
h. 14:30	Ceresara Marco	Multi-risk analysis and loss estimation for industrial assets at a territorial scale	da Porto
h. 14:40	Costa Nicole	Integrating spectral, radar data and 3D modelling to investigate the stratigraphy of the Martian Polar Caps	Massironi/ Altieri
h. 14:50	break		
h. 15:00	Dan Azimi Mohamman	Investigation of feasibility and performance of innovative dual function closed-loop heat exchange systems in critical geological environments	Galgaro/ Di Sipio/ Procesi
h. 15:10	Del Piccolo Gianmarco	Exploration of innovative methods for the inversion of seismological data and their optimization for seismic tomography models	Faccenda/ Morelli/ VanderBeek
h. 15:20	Disconzi Filippo	Physico-chemical properties and reactivity of silicate melts by thermodynamic modelling. Implementation for valorization and engineering of steel slags.	Artioli/ Bellotto/ Brunelli
h. 15:30	Dzoh Fonkou Joseph Patrick	Chemical, Physical, Structural and Morphological characterization of Recycled materials to promote the circular economy in Italian manufacturing (CPSMR)	Salviolo/ Lavagnolo
h. 15:40	Fontanari Alessandro	Ceramic manufacturing process optimization and recovery of waste materials	Artioli/ Bellotto
h. 15:50	break		
h. 16:00	Sandoval Espinel Leidy Carolina (zoom)	Thermotectonic history of the southernmost northern Andes	Zattin / Witt / Bermúdez
h. 16:10	Gaspari Marco	Seismic risk assessment of building classes	da Porto
h. 16:20	Guida Riccardo	Use of the mineralized phase in cements: mechanisms of interaction between the components and the long-term cement and alternative uses to SCM.	Artioli/ Dalconi/ Millini
h. 16:30	Isania Fatemeh	Underground thermal energy storage: new solutions and sustainability	Galgaro/ Di Sipio
h. 16:40	Lucarelli Chiara	Archaeometric investigations on Bronze Age metal artifacts from Southern Italy	Artioli
h. 16:50	break		
h. 17:00	Uguagliati Francesca (zoom)	Microplastics in rivers: from depositional processes to the Anthropocene stratigraphic record	Ghinassi/ Zattin
h. 17:10	Mascaro Maria Emanuela	Lying on the seabed: modelling post-depositional alteration of pottery in marine environments.	Maritan/ Mazzoli/ Auriemma
h. 17:20	Molon Nicola	Optimization of SHM system for infrastructural safety	da Porto
h. 17:30	Rampado Michol	Multiscale modelling approaches for seismic vulnerability analysis of churches	da Porto
h. 17:40	Wu Weishin	Experimental studies of fluid-rock interaction and seismic cycle in geothermal fields	Di Toro/ Violay/Tesei