



PH.D. COURSE IN GEOSCIENCES

Program of Ph.D. presentations – XXVI-XXXVII-XXXVIII series

September 5-7, 2023

September 6 – XXXVII series – 2nd year student presentations

🕒	Candidate	Title of Ph.D. Thesis	Supervisor/Supervisor
h. 09.00	Beatrice Baschetti (zoom)	UNDERSTANDING THE NOACHIAN-HESPERIAN TRANSITION IN THE AREA OF MERIDIANI PLANUM, MARS: A STRATIGRAPHIC, COMPOSITIONAL AND MORPHOLOGICAL STUDY.	Massironi/Carli/Altieri
h. 09.10	Kushanav Bhuyan	THE POTENTIAL OF COMPLEX ARTIFICIAL INTELLIGENCE MODELS IN LANDSLIDE INVESTIGATION AND ASSESSMENT	Floris/Van Westen/Catani
h. 09.20	Tegan Rose Blount	SALT MARSH AND SEAGRASS MEADOW DYNAMICS: SEDIMENT ORIGIN AND CARBON SEQUESTRATION CAPACITY	D'Alpaos/Silvestri/Marani
h. 09.30	Amedeo Caprino	INTEGRATED MONITORING AND MODELLING APPROACHES FOR BETTER ASSESSMENT OF STRUCTURAL RESPONSE TO NATURAL HAZARD	da Porto/Floris
h. 09.40	Miriana Chinello	FORMATION OF POLISHED SURFACES IN NATURAL ROCKS: EXPERIMENTAL AND FIELD CONSTRAINTS	DiToro/Spagnuolo/Plümper
h. 09.50	Andrea Curtolo	THE DISTRIBUTION OF VOLATILE ELEMENTS IN THE EARTH'S MANTLE	Novella
h. 10:00	break		
h. 10.10	Marina Facci	DEEP CLOSED LOOP GEOTHERMAL HEAT EXCHANGER AND ENERGY TRANSITION BY OIL&GAS WELLS REUSE	Galgaro
h. 10.20	Sebastián Granados Bolaños	FLUVIAL PROCESSES AND FLOOD HAZARD IN HUMID TROPICAL CATCHMENTS OF COSTA RICA	Surian
h. 10.30	Xiaoqin Jiao (zoom)	SINGLE-GRAIN MULTI-TECHNIQUE DATING OF SEDIMENTS: A NEW APPROACH TO STUDY THE UPLIFT AND EXHUMATION OF THE NORTHEASTERN TIBETAN PLATEAU	Zattin/Olivetti/Wang
h. 10.40	Riccardo Maitan	PEAK-DISCHARGE VARIABILITY IN MEANDERING RIVERS: LINKING MORPHODYNAMICS TO SEDIMENTARY PRODUCTS	Ghinassi
h. 10.50	Alessandro Michielotto	MANAGEMENT STRATEGIES FOR COASTAL ECOSYSTEMS IN THE FACE OF CLIMATE CHANGE AND INCREASING HUMAN PRESSURE	D'Alpaos
h. 11.00	Sara Mozzon	ASSESSMENT AND MITIGATION OF CLIMATE CHANGE IMPACT ON URBAN SYSTEMS	da Porto
h. 11.10	break		
h. 11.20	Lorenzo Nava	IMPROVING MULTI-SCALE LANDSLIDE FORECASTING WITH MACHINE INTELLIGENCE.	Catani/Monserrat
h. 11.30	Jun Ren	MANTLE METASOMATISM AND DEVOLATILIZATION FROM COUPLED THERMO-MECHANICAL AND PETROLOGICAL SIMULATIONS	Faccenda/Novella
h. 11.40	Federica Vanzani	REMOTE SENSING IN THE GEOMORPHOLOGICAL AND GEOARCHAEOLOGICAL STUDY OF ALLUVIAL PLAINS	Fontana/Mozzi
h. 11.50	Qiangwang Wu	UPPER TRIASSIC CONODONT AND RADIOLARIAN BIOSTRATIGRAPHY AND CONODONT PHYLOGENY IN THE TETHYAN REALM	Rigo/Bertinelli
h. 12:00	Elena Zanola	TIMING, MODE AND TEMPO OF THE MAJOR CLIMATIC TRANSITIONS OF THE EARLY PLEISTOCENE: A CENTRAL MEDITERRANEAN PERSPECTIVE	Capraro/Ferretti/Di Stefano