



## PH.D. COURSE IN GEOSCIENCES

### Program of Ph.D. presentations – XXXIV-XXXV-XXXVI series

September 7-9, 2021

September 9 – XXXIV series – 3<sup>rd</sup> year student presentations

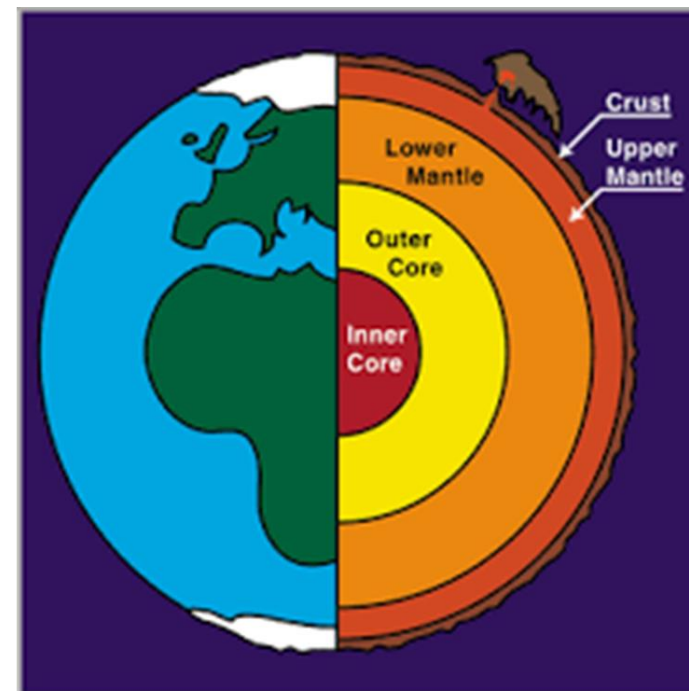
🕒	Candidate	Title of Ph.D. Thesis	Tutor/Co-Supervisor
h. 9.00	<b>Elena Bellizia</b>	SEDIMENTARY FACIES VARIABILITY ALONG FLUVIAL AND TIDAL MEANDERS: EXAMPLES FROM THE HOLOCENE VENETIAN PO PLAIN	Ghinassi/ D'Alpaos
h. 9.15	<b>Valeria Cascone</b>	GROUND MOTION SEISMIC MONITORING BY THE USE OF DISTRIBUTED LOW COST SENSORS	Boaga/Boschi
h. 9.30	<b>Xue Chen</b>	TESTING MULTI-TEMPORAL DIFFERENTIAL INTERFEROMETRIC SAR TECHNIQUES FOR GEO-HAZARDS ANALYSIS AND ASSESSMENT IN DIFFERENT GEOLOGICAL AND GEOMORPHOLOGICAL ENVIRONMENTS	Floris/ Junhuan
9.45	<b>Luca Del Rio</b>	MECHANISM OF FORMATION OF SLIP SURFACES IN CARBONATE-BUILT ROCKS: SEISMIC FAULTING VS. DEEP SEATED GRAVITATIONAL SLOPE DEFORMATION	Di Toro/Moro/ Fondriest
<b>Break</b>			
h. 10.15	<b>Rosalia Lo Bue</b>	INVERSE GEODYNAMIC MODELLING WITH THE ADJOINT METHOD	Faccenda
h. 10.30	<b>Sofia Lorenzon</b>	PEERING INTO THE DEEP EARTH THROUGH DIAMONDS	Nestola/ Nimis
h. 10.45	<b>Leonardo Pasqualetto</b>	GENESIS AND THERMOBAROMETRY OF INCLUSIONS IN DIAMONDS FROM VOORSPOED KIMBERLITE (SOUTH AFRICA)	Nimis/Nestola
h. 11.00	<b>Francesco Rappisi</b>	MICRO- AND MACRO- SCALE GEODYNAMIC MODELLING OF CONVERGENT MARGINS	Faccenda
<b>break</b>			
h. 11.30	<b>Cinzia Scaggion</b>	ADVANCED ANALYTICAL DIAGNOSTICS APPLIED TO HUMAN OSTEOLOGICAL REMAINS	Artioli/Carrara/ Pagani
h. 12.45	<b>Allyson Viganò</b>	ARE CALCAREOUS PHYTOPLANKTON AFFECTED BY THE ONSET OF THE ANTARCTICA ICE-SHEET AT THE EOCENE – OLIGOCENE TRANSITION?	Agnini
h. 13.00	<b>Zhicheng Yang</b> (zoom)	ANALYSIS OF THE ECO-GEOMORPHODYNAMIC EVOLUTION OF THE VENICE LAGOON THROUGH REMOTE SENSING OBSERVATIONS AND ANCILLARY FIELD SURVEYS	D'Alpaos/ Marani/ Silvestri



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September 7-9, 2021

September 7– XXXVI series – 1<sup>st</sup> year student presentations

🕒	Ph.D. Candidate	Title of Ph.D. Thesis	Supervisor/ Co-Supervisor
h. 09.00	<b>Eleonora Benà</b>	TECTONIC CONTROL ON ENHANCED GEOGENIC RADON AS A FIRST ORDER FACTOR IN RADON HAZARD ASSESSMENT	Sassi / Ciotoli / Spagnuolo
h. 09.15	<b>Lindsay Capito</b>	GEOMORPHIC RESPONSES TO SEDIMENT CONNECTIVITY AT THE RIVER NETWORK SCALE	Bizzi/Surian
h. 09.30	<b>Maria Elena Gastaldello</b>	THE LATEST MIOCENE-EARLY PLIOCENE BIOGENIC BLOOM: DURATION, CAUSES AND PALEOCEANOGRAPHIC IMPLICATIONS	Agnini/ Alegret
h. 09.45	<b>Massimo Domenico Novellino</b>	LANDSCAPE EVOLUTION IN NORTHERN ADRIATIC REGIONS IN THE LATE PLEISTOCENE	Fontana/Ravazzi
<b>break</b>			
h. 10.15	<b>Mirko Pavoni</b>	ELECTRO AND ELECTROMAGNETIC GEOPHYSICAL SURVEYS IN ROCK GLACIER ENVIRONMENTS	Boaga
h. 10.30	<b>Silvia Puliero</b>	DETECTION AND MONITORING OF SLOPE INSTABILITIES THROUGH SATELLITE SAR DATA IN AREAS AFFECTED BY EXTREME CLIMATE EVENTS	Floris/Catani
h. 10.45	<b>Lukas Rettig</b>	THE EQUILIBRIUM LINE ALTITUDE (ELA) IN THE SOUTHERN FRINGE OF THE ALPS DURING THE LAST GLACIAL MAXIMUM	Mozzi/ Monegato/ Spagnolo
h. 11.00	<b>Michela Simonato</b>	CALCAREOUS NANNOFOSSIL EVOLUTION DURING UPPER CRETACEOUS PALEOENVIRONMENTAL STRESS. TESTING THE IMPACT OF OCEANIC ANOXIC EVENT (OAE2) AND THE LATE TURONIAN EVENTS ON THE SYNCHRONISM OF BIO HORIZONS	Fornaciari/ Gardin/ Giusberti



## PH.D. COURSE IN GEOSCIENCES

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September 7-9, 2021

September 8– XXXV series – 2<sup>nd</sup> year student presentations

🕒	Ph.D. Candidate	Title of Ph.D. Thesis	Supervisor/ Co-Supervisor
h. 09.00	<b>Alice Puppini</b>	MARSH BIOMORPHODYNAMICS UNDER NATURAL AND ANTHROPOGENIC CHANGES THROUGH FIELD OBSERVATIONS AND THEIR MODELLING INTERPRETATION	D'Alpaos / Marani
h. 09.15	<b>Gianluca Cadelano</b>	INNOVATIVE SOLUTIONS FOR GROUND HEAT EXCHANGERS	Galgaro/Bernardi/ Dalla Santa
h. 09.30	<b>Pietro Carpanese</b>	SEISMIC RISK ASSESSMENT ON A TERRITORIAL SCALE BASED ON BAYESIAN APPROACHES AND MACHINE LEARNING	da Porto
h. 09.45	<b>Oliver Christ</b>	EXTRATERRESTRIAL DIAMONDS IN UREILITES	Nestola
h. 10.00	<b>Wei Feng (zoom)</b>	INVESTIGATION OF SEISMIC SLIP IN EXPERIMENTAL FAULTS UNDER HYDROTHERMAL CONDITIONS	Di Toro
<b>break</b>			
h. 10.30	<b>Yikai Liu</b>	STUDIES ON THE IONIC TRANSPORTS IN SOIL-BINDER SYSTEMS	Artioli/ Valentini/ Dalconi
h. 10.45	<b>Ludovico Mascarin</b>	SUSTAINABLE BINDERS FOR EMERGING COUNTRIES: NUMERICAL AND EXPERIMENTAL ANALYSIS OF ALKALI-ACTIVATED CALCINED CLAYS	Valentini
h. 11.00	<b>Simone Masoch</b>	STRUCTURE, EVOLUTION AND DEFORMATION MECHANISMS OF LARGE DISPLACEMENT SEISMOGENIC FAULTS IN THE CONTINENTAL CRUST	Di Toro/ Pennacchioni/ Cembrano
h. 11.15	<b>Andrea Boscaini</b>	AGE, DURATION, AND ORIGIN OF THE WRANGELLIA LARGE IGNEOUS PROVINCE AND IMPLICATIONS FOR THE CARNIAN PLUVIAL EVENT	Marzoli/ Preto/ Davies
h. 11.30	<b>Apsara Sharma Dhakal</b>	CONSTRAINING THE SOURCE OF EARTHQUAKE USING TIME REVERSAL SEISMIC DATA	Boschi
<b>break</b>			
h. 12.00	<b>Pawel Michal Slupski</b>	FORMER MELT INCLUSIONS FROM (U)HP GNEISSES OF THE SCANDINAVIAN CALEDONIDES	Cesare/ Bartoli/ Majka
h. 12.15	<b>Giovanni Toffol</b>	INTERACTION BETWEEN COSEISMIC BRITTLE DEFORMATION AND DUCTILE FLOW IN THE LITHOSPHERE	Pennacchioni/ Menegon
h. 12.30	<b>Ilaria Tomasi</b>	FORMATION PROCESSES AND EVOLUTION OF LARGE SIZE LAVA TUBES	Massironi/ Meyzen/ Sauro
h. 12.45	<b>Alberto Zonta</b>	DEVELOPMENT OF SEISMIC ISOLATION SYSTEMS FOR INDUSTRIAL RACKS	da Porto