



DIPARTIMENTO
DI GEOSCIENZE



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

PH.D. COURSE IN GEOSCIENCES

**Program of Ph.D. annual
presentations
XXXII-XXXIII-XXXIV series**

September 3-5, 2019



Dipartimento di Geoscienze, Università di Padova
via Giovanni Gradenigo, 6 – Aula 1E




PH.D. COURSE IN GEOSCIENCES

Program of Ph.D. presentations – XXXII-XXXIII-XXXIV series

September 3-5, 2019

September 3 – XXXIV series – 1st year student presentations

	Candidate	Title of Ph.D. Thesis	Tutor/Co-Tutor
h. 9.00	Elena Bellizia	SEDIMENTARY FACIES VARIABILITY ALONG FLUVIAL AND TIDAL MEANDERS: EXAMPLES FROM THE HOLOCENE VENETIAN PO PLAIN	Ghinassi/D'Alpaos
h. 9.20	Valeria Cascone	GROUND MOTION SEISMIC MONITORING BY THE USE OF DISTRIBUTED LOW COST SENSORS	Boaga/Boschi
h. 9.40	Luca Del Rio	MECHANISM OF FORMATION OF SLIP SURFACES IN CARBONATE-BUILT ROCKS: SEISMIC FAULTING VS. DEEP SEATED GRAVITATIONAL SLOPE DEFORMATION	Di Toro/Moro/Fondriest
h. 10.00	Rosalia Lo Bue	INVERSE GEODYNAMIC MODELLING WITH THE ADJOINT METHOD	Faccenda
		Break	
h. 10.40	Francesco Rappisi	MICRO- AND MACRO- SCALE GEODYNAMIC MODELLING OF CONVERGENT MARGINS	Faccenda
h. 11.00	Cinzia Scaggion	ADVANCED ANALYTICAL DIAGNOSTICS APPLIED TO HUMAN OSTEOLOGICAL REMAINS	Artioli/Carrara/Pagani
h. 11.20	Allyson Viganò	ARE CALCAREOUS PHYTOPLANKTON AFFECTED BY THE ONSET OF THE ANTARCTICA ICE-SHEET AT THE EOCENE – OLIGOCENE TRANSITION?	Agnini
h. 11.40	Zhicheng Yang	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 4 – XXXIII series – 2nd year student presentations

	Candidate	Title of Ph.D. Thesis	Tutor/Co-Tutor
h. 9.00	Sofia Lorenzon (XXXIV series)	PEERING INTO THE DEEP EARTH THROUGH DIAMONDS	Nestola/ Nimis
h. 9.20	Leonardo Pasqualetto (XXXIV series)	GENESIS AND THERMOBAROMETRY OF INCLUSIONS IN DIAMONDS FROM VOORSPOED KIMBERLITE (SOUTH AFRICA)	Nimis/Nestola
h. 9.40	Ilaria Barone	SEISMIC SURFACE ANALYSIS AND INVERSION: DEVELOPMENT AND TESTING OF TOMOGRAPHIC ALGORITHMS SPANNING A VARIETY OF SCALES	Cassiani/Boaga/ Strobbia/Vignoli
h. 10.00	Manfredo Capriolo	ELEMENTAL AND ISOTOPIC CARBON IN LARGE IGNEOUS PROVINCE BASALTS AND ITS IMPLICATIONS FOR MASS EXTINCTION EVENTS	Marzoli/Preto/Newton
h. 10.20	Silvia Contessi	SOLIDIFIED METAL-CONTAMINATED SOILS: CAN WE REALLY MODEL THE LONG-TERM STABILITY?	Dalconi/Secco
		Break	
h. 10.40	Yixing Du	RESEARCH ON THE UPPER TRIASSIC CONODONTS IN REGION OF YUNAN, CHINA	Rigo
h. 11.00	Marie Catherine Genge	STRUCTURAL EVOLUTION OF THE CENTRAL PATAGONIA: A SOURCE-TO-SINK APPROACH	Zattin/Witt
h. 11.20	Arianna Marcolla	ALLUVIAL PROGRADING SYSTEMS IN THE SEDIMENTARY EVOLUTION OF THE VENITIAN PLAIN DURING THE LATE QUATERNARY	Mozzi/Stefani
h. 11.40	Rodolfo Perego	SHALLOW GEOTHERMAL SYSTEM SUSTAINABILITY THROUGH A HOLISTIC APPROACH: THE CANTON TICINO (CH) TEST SITE	Galgaro/Pera
h. 12.00	Filippo Torresan	SUSTAINABILITY ASSESSMENT OF GEOTHERMAL EXPLOITATION BY NUMERICAL MODELING	Piccinini




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September 5 – XXXII series – 3rd year student presentations

	Candidate	Title of Ph.D. Thesis	Tutor/Co-Tutor
h. 9.00	Jacopo Amalfitano	THE CENOMANIAN-TURONIAN ICHTHYOFAUNAS FROM THE SCAGLIA-TYPE SUCCESSION OF NORTHEASTERN ITALY	Giusberti/Carnevale/ Fornaciari
h. 9.30	Simone Molinari	CHROMIUM AND ARSENIC REMOVAL FROM CONTAMINATED WATER: ENVIRONMENTAL APPLICATION OF MAGHEMITE NANOPARTICLES (SAMNS)	Salviulo/Vianello/ Carbone
h. 10.00	Marco Crivellaro	DECIPHERING THE POLYMETAMORPHIC HISTORY OF THE JUBRIQUE SEQUENCE (BETIC CORDILLERA, SPAIN)	Cesare/Bartoli/ Acosta-Vigil
Break			
h. 10.50	Xia Li	FROM BEDROCK TO SEDIMENTS: INSIGHTS ON ROSS SEA ICE-FLOW DYNAMICS INFERRED FROM DETRITAL DATA	Zattin
h. 11.20	Nico Dalla Libera	THE NATURAL BACKGROUND LEVEL (NBL) PROBLEM: A HYDROGEOCHEMICAL STUDY ON THE NATURAL OCCURRENCE OF ARSENIC LOCATED IN THE VENETO REGION (NE, ITALY)	Fabbri/Tateo
h. 11.50	Marta Cosma	STRATAL PATTERNS AND SEDIMENTARY FACIES IN TIDAL POINT BARS	Ghinassi/D'Alpaos/ Mounney
Break			
h. 12.10	Jacopo Nava	MINERALOGICAL COMPOSITION AND GEOLOGICAL FEATURES OF C-TYPE ASTEROIDS INFERRED FROM METEORITES AND SPACE MISSIONS DATA	Massironi/Folco/ Palomba
h. 12.40	Simone Papa	THE PSEUDOTACHYLITE-MYLONITE ASSOCIATION: AN INSIGHT INTO THE MECHANICS OF DEEP EARTHQUAKES	Pennacchioni
h. 14.30	Meeting of the PhD Board		