



DIPARTIMENTO  
DI GEOSCIENZE

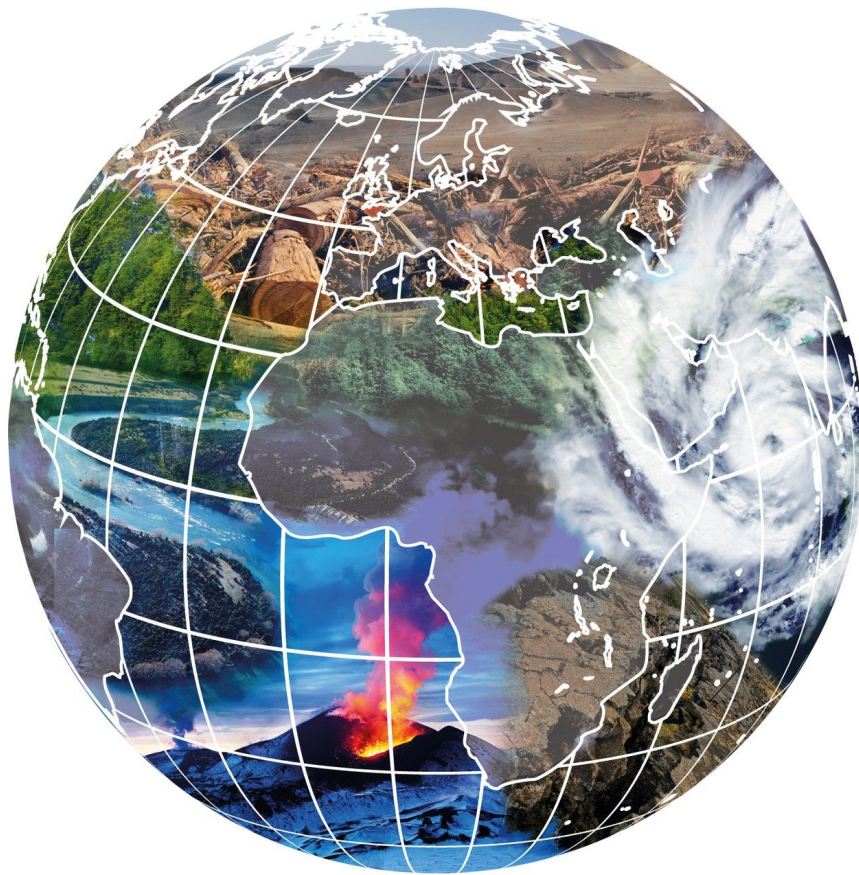


UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

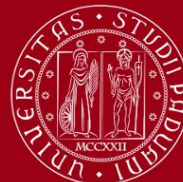
**PH.D. COURSE IN GEOSCIENCES**

**Program of Ph.D. annual  
presentations  
XXXVII-XXXVIII-XXXIX series**

**September 2-4, 2024**



Dipartimento di Geoscienze, Università di Padova  
via Giovanni Gradenigo, 6 – Aula Catullo  
Zoom: <https://unipd.link/t55deP>



# PH.D. COURSE IN GEOSCIENCES

## Program of Ph.D. presentations – XXXVII-XXXVIII-XXXIX series

September 2-4, 2024

September 3 – XXXVIII series – 2<sup>nd</sup> year student presentations

🕒	Candidate	Title of Ph.D. Thesis	Supervisor/ Co-Supervisor
h. 09.00	<b>Bhookya Rajeshwari</b>	ASSESSING THE IMPACT OF CLIMATE CHANGE ON LANDSLIDES IN THE ALPINE ENVIRONMENT	Floris
h. 09.10	<b>Del Piccolo Gianmarco</b>	EXPLORATION OF INNOVATIVE METHODS FOR THE INVERSION OF SEISMOLOGICAL DATA AND THEIR OPTIMIZATION FOR SEISMIC TOMOGRAPHY MODELS	Faccenda/ Morelli/VanderBeek
h. 09.20	<b>Bubola Federica</b>	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/Coletti
h. 09.30	<b>Calzoni Pietro</b>	FISH FAUNA PALEOBIODIVERSITY DURING THE EARLY PALEOGENE GREENHOUSE WORLD: THE FOSSIL-LAGERSTÄTTEN RECORD OF NORTHEASTERN ITALY	Giusberti/Carnevale
h. 09.40	<b>Ceresara Marco</b>	MULTI-RISK ANALYSIS AND LOSS ESTIMATION FOR INDUSTRIAL ASSETS AT A TERRITORIAL SCALE	da Porto
h. 09.50	<b>Costa Nicole</b>	INTEGRATING SPECTRAL, RADAR DATA AND 3D MODELLING TO INVESTIGATE THE STRATIGRAPHY OF THE MARTIAN POLAR CAPS	Massironi/Altieri
break			
h. 10.10	<b>Dan Azimi Mohamman</b>	INVESTIGATION OF FEASIBILITY AND PERFORMANCE OF INNOVATIVE DUAL FUNCTION CLOSED-LOOP HEAT EXCHANGE SYSTEMS IN CRITICAL GEOLOGICAL ENVIRONMENTS	Galgaro/ Di Sipio/Procesi
h. 10.20	<b>Disconzi Filippo</b>	PHYSICO-CHEMICAL PROPERTIES AND REACTIVITY OF SILICATE MELTS BY THERMODYNAMIC MODELLING. IMPLEMENTATION FOR VALORIZATION AND ENGINEERING OF STEEL SLAGS	Artioli/ Bellotto/Brunelli
h. 10.30	<b>Dzoh Fonkou Joseph Patrick</b>	CHEMICAL, PHYSICAL, STRUCTURAL AND MORPHOLOGICAL CHARACTERIZATION OF RECYCLED MATERIALS TO PROMOTE THE CIRCULAR ECONOMY IN ITALIAN MANUFACTURING (CPSMR)	Salviulo/ Lavagnolo
h. 10.40	<b>Fontanari Alessandro</b>	CERAMIC MANUFACTURING PROCESS OPTIMIZATION AND RECOVERY OF WASTE MATERIALS	Artioli/Bellotto
h. 10.50	<b>Gaspari Marco</b>	SEISMIC RISK ASSESSMENT OF BUILDING CLASSES	da Porto
break			
h. 11.10	<b>Guida Riccardo</b>	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. 11.20	<b>Isania Fatemeh</b>	UNDERGROUND THERMAL ENERGY STORAGE: NEW SOLUTIONS AND SUSTAINABILITY	Galgaro/ Di Sipio
h. 11.30	<b>Lucarelli Chiara</b>	ARCHAEOLOGICAL INVESTIGATIONS ON BRONZE AGE METAL ARTIFACTS FROM SOUTHERN ITALY	Artioli
h. 11.40	<b>Mascaro Maria Emanuela</b>	LYING ON THE SEABED: MODELLING POST-DEPOSITIONAL ALTERATION OF POTTERY IN MARINE ENVIRONMENTS.	Maritan/ Mazzoli/Auriemma
h. 11.50	<b>Molon Nicola</b>	OPTIMIZATION OF SHM SYSTEM FOR INFRASTRUCTURAL SAFETY	da Porto
break			
h. 12.10	<b>Rampado Michol</b>	MULTISCALE MODELLING APPROACHES FOR SEISMIC VULNERABILITY ANALYSIS OF CHURCHES	da Porto
h. 12.20	<b>Sandoval Espinel Leidy Carolina</b>	THERMOTECTONIC HISTORY OF THE SOUTHERNMOST NORTHERN ANDES	Zattin/ Bermúdez/Witt
h. 12.30	<b>Uguagliati Francesca</b>	MICROPLASTICS IN RIVERS: FROM DEPOSITIONAL PROCESSES TO THE ANTHROPOCENE STRATIGRAPHIC RECORD	Ghinassi/Zattin
h. 12.40	<b>Wu Wei-Hsin</b>	EXPERIMENTAL STUDIES OF FLUID-ROCK INTERACTION AND SEISMIC CYCLE IN GEOTHERMAL FIELDS	Di Toro/Violay/Tesei