



DIPARTIMENTO
DI GEOSCIENZE

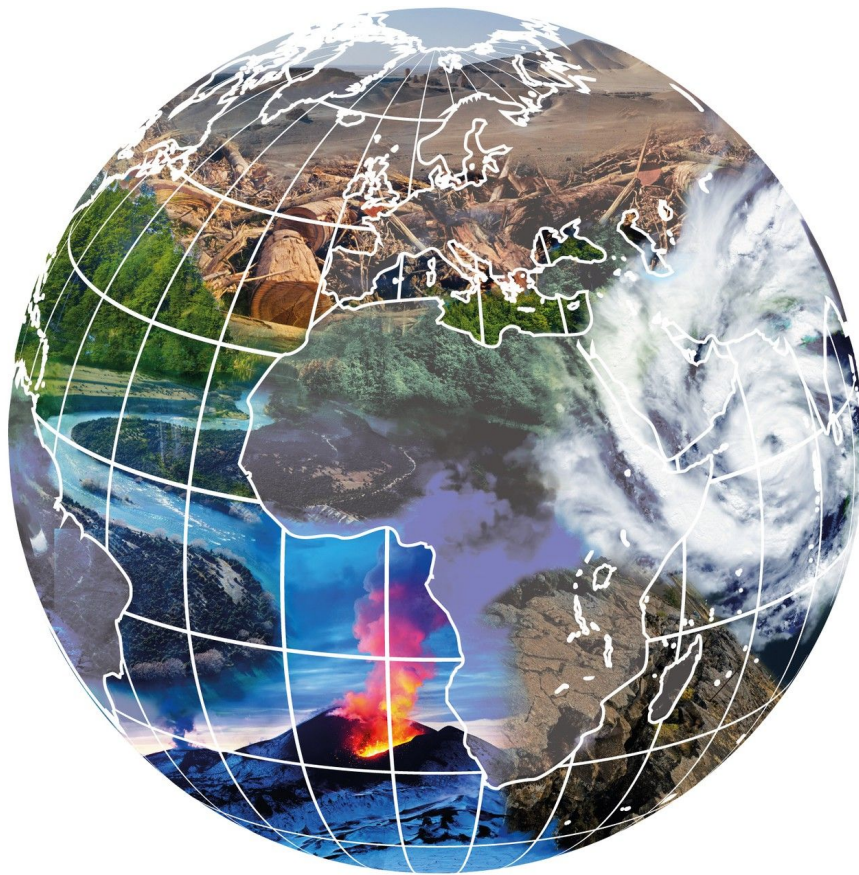


UNIVERSITÀ
DEGLI STUDI
DI PADOVA

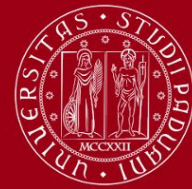
PH.D. COURSE IN GEOSCIENCES

**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



PH.D. COURSE IN GEOSCENCES

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

September 2-4, 2024

September 3 – XXXVIII series – 2nd year student presentations

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