

Workshop AGLC dei Giovani Ricercatori, pre-evento del 41° Convegno NGTGS

		31/01/2023		01/02/2023	
9.30	Introduzione AGLC			convenor: Ferrante, Santilano	Tema3
convenor: Nespoli, Colombero			Tema1	9.30	Vertical gradient measurements using MFAM in a UAV-borne magnetic survey
10.00	Thermo-poroelastic modelling of Solfatara crater through Finite Element method	Barone		9.45	A review of the geophysical methods to characterize the gas hydrate system: the Chilean margin case study
10.15	Geometry and kinematic of the Cyprus Arc system	Bertone		10.00	Early Western Antarctic ice sheet retreat from an ultra-high-resolution Holocene paleoclimatic record
10.30	SEISMIC OBSERVATION AT NIRANO MUD VOLCANOES	Brindisi		10.15	Distributed Acoustic Sensing (DAS) data for seismic monitoring: influence of cable geometry and installation context
10.45	REAR: a Regional Elastic Rebound calculator	ConSORZI		10.30	Multisensor geophysical approach for steel rebar corrosion monitoring
11.00	A workflow for microseismicity detection using deep learning	De Solda		10.45	Non-real but realistic distribution of small high-frequency structures in 2D seismic
break 15'				11.00	Break 15'
convenor: Schirripa Spagnolo, Moratto		Tema1		Convenor: Tufaro, Bedon	Tema2
11.15	Fault and fluid interaction during the 2012 Emilia seismic sequence	Fonzetti		11.15	Real-time ground-shaking maps reconstruction of late 2022 Italian earthquakes
11.30	3D Scattering Attenuation Imaging of the Central Apennine 2016-2017 Seismic Sequence	Gabrielli		11.30	SHAKEMAPS FOR HISTORICAL EARTHQUAKES IN ITALY
11.45	Seismic imaging of the shallow eruptive pathways of Deception Island, Antarctica	Guardo		11.45	Comparison between numerical and empirical derivation methods of component fragility functions
12.00	Coseismic Folding During Ramp Failure at the Front of the Sulaiman Fold-and-Thrust Belt	Javed		12.00	A 3D Smoothed Seismicity Model for the Adriatic Thrust zone, Italy
12.15	NEW GEOLOGICAL AND PALEOSEISMOLOGICAL DATA ON THE	Maceroni		12.15	Maintenance procedures and seismic risk reduction: intervention strategy on "M.A.P"
				12.30	Integrating physical and social vulnerabilities in decision-making for disaster risk
Break pranzo 1 h 45'				Break pranzo 1h 30	
convenor: Bonini, Sparacino		Tema1		convenor: Pazzi, Barone	Tema3
14.15	Forecasting megathrust earthquakes: what can we learn from the laboratory?	Mastella		14.15	New evidence from integrated GPR attributes analysis of the Von Postbreen polythermal glacier, Svalbard
14.30	The 19 September 2022, Michoacan earthquake (Mw 7.6): a case study for the observation of Environmental effects triggered (EEEs) and application of the ESI-	Muccignato		14.30	Neuropick: efficient LWD image logs segmentation using Deep Learning
14.45	Recent advances in the knowledge of the Pollino area crustal structure	Napolitano		14.45	Modeling and analysis of Distributed Acoustic Sensing (DAS) data in Geothermal environments
	THE ROLE OF STRUCTURAL COMPLEXITY DURING THE 1976 FRIULI SEISMICITY (EASTERN SOUTHERN	Patricelli			Deep Attributes 2.0: Extraction of Seismic features with Deep Learning
15.45	Drought-induced vertical displacements in the Po river basin (Northern Italy) from GNSS measurements	Pintori		15.45	Geophysical and geocryological surveys for active layer and permafrost characterization in the Khanovey Railway Station area, Komi Republic, NE European Russian Artic.
16.00	Moment vs local magnitude scaling of small-to-medium earthquakes from seismic moment estimation of 10 years (2009-2018)	Supino		16.00	Evidence of past fluvial deposition within the Amorphous Lake (East Antarctica) by means of Ground Penetrating Radar:
Conclusioni AGLC					