

Progetti di Ricerca Libera bando 2021

Name	Project Title
Amato Alessandro	SaLiRE Science and Law in the Risk Era
Anselmi Mario	The 1997 Colfiorito Seismic Sequence reappraisal for seismotectonics and seismological applications: New 1D/3D velocity models in the lights of more than 20 years of new seismic and subsurface data - NEWCOLF
Arienzo Ilenia	ISOtopic fingerPRINTing shed light on population dynamics in central and south Italy during the Bronze Age - ISOPRINT IT
Avallone Antonio	EASIEST : External Atomic oScillator affEcts poSiTioning
Bilotta Giuseppe	HARVEST - Integrating tHermaL cAmeRa data and SPH modeling to quantify Volcanic dEposits at Stromboli
Bottari Carla	Archaeoseismological investigation in western Sicily: new insights from geochemistry and tectonic data - ARES
Brunori Carlo Alberto	POEM Pilato lake and Redentore Slopes Observation of the Environment changes and Monitoring
Calderoni Giovanna	Brune stress drop and b-value of destructive earthquakes occurred in Italy in the last fifteen years STRESBVAL
Cannelli Valentina	HUNGOVER : High-resoLution moNitorinG Of multi-leVEl Radon
Caracciolo Carlos Hector	RHIS - Revision of the Italian Historical Seismicity 1930-1939
Carluccio Roberto	Calibration technique for sensors to be used in UAV-based surveys - CALMAG
Ciaccio Maria Grazia	The utilization of sP depth phases to improve the accuracy of offshore earthquake location: application to the Adriatic sea, Italy - PHASES
D'Alessandro Antonino	FEDAS - Fast Earthquake Damage Assessment System
De Beni Emanuela	150 yearS of Etna summit Craters: a photogrammetry-based time machine - SEC-4D
De Luca Gaetano	Surface and Underground Seismic Arrays and Geophysics - USAG
Delle Donne Dario	VOLC-GAS Investigating the VOLCanic GAS emission mechanisms using SO ₂ cameras and infrasound
Di Giulio Giuseppe	Liquefaction Assessment of Gravelly Deposits LAGD : historical data analyses and in situ testing at Italian trial sites to develop innovative methods

Di Giuseppe Maria Giulia	MAGnetotelluric survey at PaNTelleria island to image the subsurface of the caldeRA: implication on its active structures MANTRA
Di Lieto Bellina	UNReST - Understanding unrest phases at Campi Flegrei Resorting to Strainmeters and long_x005F_x0002_baseline Tiltmeters data
Faenza Licia	Feasibility Of Rapid ground Failures Estimates in the Italian Territory Acronym: FORFEIT
Famiani Daniela	Seismic Monitoring Array Analysis in Regione Toscana - SMAART
Fornaciai Alessandro	VOLF - VOlcaniclastic debris flows at La Fossa cone (Volcano Island): evolution and hazard implication
Frepoli Alberto	A multiparametric Network for Seismic and groundwater monitoring in the Cassino-venafro Area – ANSCA
Gambino Salvatore	New insights on the seismotectonic dynamic of the Trecastagni fault (Mt. Etna, Sicily) MUSTAFA
Granieri Domenico	Shallow portion of an Active GEothermal system REvealed by Multidisciplinary Studies - AGEREMUS
La Spina Alessandro	CIMAVOLC Compositional Infrared iMAGING of VOLCanic emissions
Locritani Marina	Study the Marine Litter Dispersion: Citizen Science Application case ML-CSA
Mangiacapra Annarita	A novel algorithm for fault-plane parameters characterization: an application tothe 2012 Emilia seismic sequence (north Italy) and Campi Flegrei Caldera ALFAPARC
Maramai Alessandra	BET-VR (BIG DATA Earthquake and Tsunami Virtual Reality) using Virtual Reality for visualization of Earthquake and Tsunami BIG DATA analysis and dissemination
Marra Fabrizio	Study of the origin of the 100 KYR climatic cycles of and of the forcing mechanisms on the growth and fusion of the ice sheets - CLICYMECH
Mascandola Claudia	Selsmo-Stratigraphic model of the Mllan metropolitan Area SISMI
Nannipieri Luca	L.E.MO.N. (Landslide Enhanced MOonitoring Network)
Nappi Rosa	Multidisciplinary Approach for Capable Fault system study at Ischia island, northern sector of Mt Epomeo MACFI
Nazzari Manuela	ENHANCE - Enhanced understanding of magma dynamics at open-conduit volcanoes: a timeintegrated kinetic growth modeling of clinopyroxene intracrystalline changes
Nicolosi Iacopo	The characterization of Martignano volcanic centre, Sabatini Volcanic District, by high-resolution shipborne magnetic survey - MARSMAN

Pagliuca Nicola Mauro	Wireless network for monitoring correlation between tectonic CO ₂ Earth degassing and seismicity in the Alban hills volcanic district, Italy - PROJECT
Peppoloni Silvia	Educational Resources on Geoethics - ERG
Pesci Arianna	Remote Sensing and Cultural Heritage searching for Earthquake footprints on ancient/historical buildings: going to Canossa - RESCUE
Petrosino Simona	POLARization analyses To Image crustal structure and fluid Migration Episodes at Ischia island - POLARTIME
Pignatelli Alessandro	Use of Artificial intelligence to improve seismic data quality ALISEI
Piochi Monica	Focusing on the appearance and chemistry of s-bearing minerals and raw terrains in some italian volcanic acid sulfate environments - SMILE
Pucci Stefano	High-resolution, multi-temporal monitoring of near-field surface along active faults - MOSAF
Riguzzi Federica	Absolute Gravity And Vertical Estimation with the joint use of quantum and ballistic absolute gravimeters and GNSS measurements to approach a multi-disciplinary study of natural risks in Central Italy - AGAVE
Romano Pierdomenico	ASSIST : An Automated Shape-recognition System for volcanic Strain Transients
Rubbia Rinaldi Giuliana	DiGeST - Dimensioni di genere nelle scienze della terra Gender dimensions in Earth Sciences
Sapia Vincenzo	Large-scale multi-parametric characterization of two crucial ArchaeoloGical site settled around the BOlsena lake - LAGO
Scarfi Luciano	Observing Volcano Dynamics through Stress and Deformation Patterns - DEEP
Sgobba Sara	HSE-GMM - A hybrid simulation - empirical approach to model variability of ground motion in near-source region
Sortino Francesco	Hydrothermal system of Vulcano Study of the influence of environmental parameters affecting the water-rock-gas interaction processes - GAMED
Spinetti Claudia	Slope instability mapping of Colli Albani hills - SIMCA
Stallone Angela	Machine learning for rapid earthquake moment tensor assessment - CHEAPNESS
Taddeucci Jacopo	FRAMMENTI : FRAGmentation of Mafic Magmas: ExtENt and Timing

Urbini Stefano	EVICS (Etna Volcanic Ice Caves Study): study and monitoring of environmental parameters and volume variation of glacial deposits inside Etna caves
Vannucci Gianfranco	Seismic Strain deformation in Italy and Mediterranean area by Focal Mechanisms: new version of the Earthquake Mechanism of Mediterranean Area EMMA database with automatic data download
Venuti Alessandra	PaleoSecular Variations of the GEOMagnetic Field from the western Sicily Channel PSVGEOFISIC
Voltattorni Nunzia	COntinuouS MONitoring of deep CO ₂ emissionS: relationship of cause and effect between seismic activity and fluids - COSMOS
Zuccarello Luciano	SINFONIA ESTimation of jet velocity and mass eruption rate at Etna volcano (Italy) using INFRasOuNd and seismic dAta