

Detailed Program of oral presentations and posters (last update Feb. 10 2026)

	Room ALFA Tuesday February 10	Room BETA Tuesday February 10	Room DELTA Tuesday February 10	Room GAMMA Tuesday February 10	
	S.1.1 Recent advancements in earthquake, active fault, and seismogenic process studies <i>Paolo Galli (DPC)</i> <i>Alessandro Amato (INGV)</i> <i>Maria Eliana Poli (University of Udine)</i> <i>Angela Saraò (OGS)</i>	S.2.2 Science and technology to support earthquake prevention and preparedness <i>Mauro Dolce (UniNA)</i> <i>Sara Sgobba (INGV)</i> <i>Maria Polese (University of Napoli)</i> <i>Stefano Grimaz (University of Udine)</i>	S.2.3 Social Dimensions of Risks Associated with Natural Hazards <i>Valentina Rizzoli (CORIS, Sapienza University of Rome)</i> <i>Alessandro Meneghini (University of Udine)</i>	S.3.3 Theoretical and methodological development in Applied Geophysics <i>Andrea Tognarelli (University of Pisa)</i> <i>Luca Masnaghetti (Slb)</i> <i>Gianluca Fiandaca (University of Milano)</i>	
14:00	INTRODUCTION		Communicating flood risk in the context of climate change B. Saracino, A. Rubin	A Contribution to the Assessment of DAS Performance with Surface Waves: a case-study from Northern Italy S. Beretta, S. Castellaro, N. Piana Agostinetti, A. Villa, L. Suranna	14:00
14:15	Seismic source characterization in Northeastern Italy: insights on stress drop and seismic efficiency distributions L. Cataldi, M. Picozzi, M. D'Amico, P. Morasca, D. Bindi, V. Poggi, G. Costa, A. Viganò, D. Spallarossa	Local Seismic Response of the Santa Sofia Bell Tower (UNESCO Site) from Advanced Geophysical Investigations A. Ambrosino, S. Sica, M.R. Gallipoli and NEW AGE working group	The contentious social construction of hydraulic risk: a critical thematic analysis of the controversial flood risk management of the Piave river N. Stocco	Crosstalk analysis in Viscoacoustic Full Waveform Inversion S. Berti, M. Aleardi, E. Stucchi, A. Tognarelli, N. Bienati, L. Russo, J. Panizzardi, A. Mazzotti	14:15
14:30	Revealing Seismic Sequence Characteristics in the South-eastern Alps and the Western Dinarides by clustering analysis and refined location P. Brondi, M. Picozzi, G. De Landro, A. G. Iaccarino, G. Rossi, A. Lomax, A. Magrin, L. Zampa, M. Michele	Record selection for seismic microzonation studies in Campi Flegrei area: local ground motion features and analysis challenges T. Castelbarco, G. Lanzano, L. Nardone, S. Sgobba, D. Galluzzo, V. Convertito, M. Antonio Di Vito, F. Pacor. 	When the Storm Hits: An Analysis of Institutional Public Communication after the Morteigliano Hailstorm C. Piccolo, A. Meneghini, M. Farinosi	Viscoacoustic Full Waveform Inversion using Implicit Neural Representation S. Berti, M. Aleardi, E. Stucchi, A. Tognarelli, N. Bienati, J. Panizzardi, A. Mazzotti	14:30
14:45	What Small Earthquakes Reveal about Fault Heterogeneity: Insights from Spectral Decomposition of Source Parameters along the East Anatolian Fault Zone, Türkiye L. Colavitti, D. Bindi, G. Tarchini, D. Scafidi, M. Picozzi, D. Spallarossa	The “reference stratigraphic matrix”: a new tool to support the Seismic Microzonation Studies in Italy S. Catalano, A. Porchia, G. Tortorici	How unequal? Why vulnerable? Clearly differentiated G. Rubbia, A. Grezio, G. Zerbinato, M. De Lucia, S. Presto	Full Waveform Inversion by means of Implicit Neural Representation: Application to Field Data from a Geothermal Area F. Macelloni, S. Berti, M. Aleardi, A. Tognarelli, E. Stucchi 	14:45
15:00	Preparatory Phase of Major Earthquakes during Campi Flegrei Unrest (2020-2024) A G Iaccarino, M Picozzi, G De Landro, D Spallarossa	Dense seismic array in the Campi Flegrei (Italy) volcanic area for Seismic Microzonation purposes G. Cultrera, L. Nardone, M. Vassallo, M. Carandente, S. Madonna, G. Di Giulio, D. Galluzzo, G. Riccio, S. Pucillo, INGV team (A. Bobbio, G. Brandi, G. Brunelli, F. Cara, A. Fedele, G. Gaudiosi, S. Hailemichael, A. Iorio, G. Lanzano, A. Mercuri, G. Milana, L. Minarelli, G. Soldati, M. G. Soldovieri, L. Valoroso)	Addressing Inequalities in Disaster Risk through Participatory Research: Evidence from REACT and PREPSHIELD P. Maffi, M. Trentin, M. Caviglia, L. Ragazzoni 	Cross-gradient joint seismic full-waveform and electrical resistivity inversion F. Rincón, M. Aleardi, S. Berti, A. Tognarelli, E. Stucchi 	15:00

15:15	Analysis of the preparatory phase of the 7 January 2025 (Mw 7.1) earthquake in Dingri, Tibet F. Pettenati, M. Picozzi, D. Sandron, A. Vuan	A new multidisciplinary contribution on active and capable faulting for the Seismic Microzonation of the city of L'Aquila, central Italy, enhances the legacy of the 2009, Mw 6.3 earthquake for seismic S. Gori, E. Falcucci, S. D'Annibale, M. Francescone, M. Iorio, M. Mariani, A. Testa, P. Boncio, F. Galadini, A. Pizzi, D. Cosentino, F. D'Ajello Caracciolo, M.G. Di Giuseppe, G. Di Giulio, F. Doumaz, D. Famiani, I. Garofalo, S. Hailemichael, R. Isaia, V. Materni, A. Mercuri, L. Miconi, L. Minarelli, I. Nicolosi, V. Romano, V. Sapia, V. Sepe, M. Tallini, A. Troiano, M. Vassallo	Voices of Resilience: Exploring Citizens' Risk Perceptions, Communicative Practices and Insular Response Strategies A. Lovari, M. Porcu, A. Piscedda, E. Ferrari, F. Aiello, M. Campione,	ADERT: Automatic differentiation-based electrical resistivity tomography F. Rincón, M. Aleardi, E. Cuellar, S. Berti, A. Tognarelli, E. Stucchi 	15:15
15:30	Site Response Analysis during the 2016 Amatrice–Visso–Norcia Seismic Sequence A. Attolico, M. Anselmi, P. De Gori, F.P. Lucente, E. Tinti	Site effects characterisation for the city of Trieste F. Parentelli, C. Beltrame, S.F. Fornasari, G., Costa	Earthquakes and information emergencies. The case of February 17, 2025 G.P. Attolini, A. Coppotelli, M. Pignone, C. Nostro, A. Nardi, P. Del Gaudio, C. Ladina, A. Amato, E. Casarotti, C. Meletti	Bayesian inversion of 3D Electrical Resistivity Tomography data using a subspace reparameterization approach A. Vinciguerra, G. Marquis	15:30
15:45	DISCUSSION	INTRODUCTION TO THE POSTER SESSION - DAY 1	POSTER PITCH SESSION	On the Meaning of the Mapping Function Ξ for the Direct MT Data Transform into 1D Resistivity Models O. I. Calderon Hernandez, L. Rondoni, E.C. Slob, L.V. Socco	15:45
16:00	Poster and COFFEE BREAK				16:00
16:30	Reconciling advanced detection techniques on different monitoring scales: from dense monitoring infrastructures to DAS F. Scotto di Uccio, A. Scala, C. Strumia, M. Picozzi, T. Muzellec, G. De Landro, G. Beroza, G. Festa	Rapid Generation of Reports on Post-Seismic Events with gmProcess: A Case Study for A Dense Accelerometric Network in Veneto (NE Italy). G. Capotosti, C. Scaini, P.L. Bragato, L. Cataldi, M. Picozzi, P. Comelli	"It's pretty cool, honestly. But it's also scary." Debating generative artificial intelligence in risk communication: frames, sources, ethics F. Comunello, A. Massa, M. Monopoli, A. Scorsino	Joint inversion of inductive and galvanic data: significant resolution improvement honouring both data types – 3D EM and 2D DCIP J. Chen, Francesco Dauti, G. Fiandaca 	16:30
16:45	Leveraging fibre optic networks for rapid response: DAS based earthquake early warning C. Strumia, D. Rivet, A. Trabattoni, F. Scotto di Uccio, L. Elia, S. Colombelli, G. Festa	Assessing the Effectiveness of FinDer-Based Earthquake Early Warning in Northeastern Italy F. Du, E. Zuccolo, S. Parolai, M. Böse, C. G. Lai 	Plausible scenario-based multi-risk storylines: development and testing for selected coastal areas in the Northeastern Adriatic A. Peresan, H. Hassan, M. Sema	EEMstudio & EEMverter LITE – Freeware/ opensource tools for processing and modelling Electrical & Electromagnetic data G. Fiandaca, N. Sullivan, S. Galli	16:45
17:00	Enhancing earthquake monitoring with fiber-optic networks via automatic data selection E. Bozzi, G. Pascucci, G. Rapagnani, G. M. Bocchini, R. Harrington, A. Ugalde, G. Saccorotti, F. Grigoli 	Assessing Earthquake Early Warning Feasibility at the NITRO Near-Fault Observatory S F Fornasari, G Costa 	Ex-ante assessment of information needs on marine hazards in municipalities participating in the Tsunami Ready programme L. Cugliari, B. Brizuela, L. Graziani, S. Filosa, A. Amato	Airborne Gravity Field Mapping over Italy with Strapdown Gravimetry: Methodology and Preliminary Results D. Sampietro, A. Santoni, M. Capponi, M. Arciero, L. Lingesso, L. Rampa, F. Bocchino, A. M. De Pace, S. Pecora	17:00
17:15	Investigating earthquakes with Distributed Acoustic Sensing at the Irpinia Near Fault Observatory G. Festa, C. Strumia, F. Scotto di Uccio, A. Suresh, A. Trabattoni, L. Elia, G. Saccorotti, R. Pegna	A 3D Subsoil Model to Enhance Near Real-Time Earthquake Impact Assessment in Northeastern Italy I Monsalvo, E Zuccolo, C Scaini, V Poggi, C Barnaba, C Smerzini,	Echoes of the earthquake: Evidence-based suggestions for the management of psychological consequences of earthquakes F. Del Missier, L. Savadori, A. Galvagni, E. Pezzi, G. Scurci, A. Patacca, M. Dolce, D. Di Bucci	Investigating Borehole TDIP Response in the Ivrea-Verbano Zone (ICDP-DIVE project): Linking Chargeability to Mineral Distribution from SEM and MicroCT Data Ventola I., Caspari E., Greenwood A., Hawemann F., Venier M., Toy V. 	17:15
17:30	A possible Kinematic Model of the Friuli Earthquake from Macroseismic data F. Pettenati, D. Sandron, P. Harabaglia	Regional High-Quality Ambient Noise Models for Italy F.Varchetta, M.Massa, R.Puglia, P.Danecek, D.Galluzzo		A synthetic study of the cosmic ray neutron sensing detector response to heterogeneous soils and moisture content distribution V. Cioffi, G. Cassiani, L. Peruzzo 	17:30
17:45	DISCUSSION	DISCUSSION			17:45

18:00	POSTER SESSION					18:00
18:30						18:30
	Room ALFA Wednesday February 11	Room BETA Wednesday February 11	Room DELTA Wednesday February 11	Room GAMMA Wednesday February 11		
	S.1.1 Recent advancements in earthquake, active fault, and seismogenic process studies Paolo Galli (DPC) Alessandro Amato (INGV) Maria Eliana Poli (University of Udine) Angela Saraò (OGS)	S.2.2 Science and technology to support earthquake prevention and preparedness Mauro Dolce (UniNA) Sara Sgobba (INGV) Maria Polese (University of Napoli) Stefano Grimaz (University of Udine)	S.2.3 Social Dimensions of Risks Associated with Natural Hazards Valentina Rizzoli (CORIS, Sapienza University of Rome) Alessandro Meneghini (University of Udine)			
09:00	Deep learning phase-picking analysis and seismic catalog building applied to the Amatrice-Visso-Norcia seismic sequence R. Fonzetti, D. Bailo, L. Valoroso, P. De Gori and C. Chiarabba	Characterization of the Arena of Verona and Its Subsoil using a Non-Invasive Geophysical Approach M.R. Gallipoli, S. Lucente, V. Serlenga, N. Tragni, G. Gangone and NEW AGE Working Group			09:00	
09:15	I-HADES: A seismic event locator combining deep learning with distance geometry methods G. Vullo, F. Grigoli 	Ground motion models for Arias intensity and significant duration at Campi Flegrei: preliminary results P. Cito, A. Grella, I. Iervolino	From Emergency to Prevention: Rethinking Legal Frameworks for Natural Risk Governance L. Giani		09:15	
09:30	Spatiotemporal Clustering of the New Zealand Catalog: A Comparative Study of ST-DBSCAN and Window-Based Methods – Preliminary results S. Gentili, L. Caravella, E. Piegari	SIGMA: a new tool for the simulation of spectrum-compatible earthquake ground motions G. Fiorentino, F. Sabetta, R. De Risi	Legal Instruments for Reducing Territorial Vulnerability to Natural Hazards M. D'Orsogna, F. Valentini		09:30	
09:45	Machine-Learning Forecasting of Strong Aftershocks in New Zealand Using NESTORE: Insights from Two Testing Approaches L. Caravella, S. Gentili	Exploring Ground-Motion Variability through Synthetic Scenarios in Central Italy M. Freddi, S. Sgobba, F. Pacor 	Preventive Public Action and Trust: Legal Transparency in Risk-Related Expenditures A. Iacopino		09:45	
10:00	Investigating Fault Behaviour on Mt. Etna's Eastern Flank through Sentinel-1 InSAR Time Series (2015–2020) S. Brooks, F. Guglielmino 	Exploring the regional differences of ground motion in Italy through the non-ergodic modelling G. Lanzano, S. Sgobba, D. Bindi	Extreme Meteorological Risk and the Governance of Port Areas: Resilience, Planning, and Public Responsibility A. Crismani, G. Biasutti		10:00	
10:15	Modeling Block Kinematics and Interseismic Coupling in the Central Mediterranean Region R. Nucci, E. Serpelloni, A. Armigliato	Systematic analysis of the components of ground motion variability from physics-based simulations C. Smerzini, S. Sgobba, M. Vanini, A. Bazrafshan, G. Lanzano	Social Dimensions of Public Procurement in Natural Risk Prevention F. Tuccari, B. Accettura, C. Saracino, M.F. Errico, S. Ciccacese, V. Giannini		10:15	
10:30	Multi-technique SAR Coseismic Deformation Retrieval and Fault Modeling of the 2025 Mw 7.7 Myanmar Earthquake V. Ruocco, S. Puliero, S. Atzori, C. Tolomei, A. Antonioli, M. Polcari, M. Albano, M. Moro, S. Stramondo, M. Saroli, P. Striano, F. Monterroso, M. Bonano, F. Casu, C. De Luca, R. Lanari.	Preliminary validation of a Physics-based Simulated Ground-Motion Database G. Smirolto, M. Fasan, F. Romanelli, C. Bedon 	Territorial vulnerability and Contractual Choices in Risk Prevention Policies L. De Angelis, G. Cialone 		10:30	
10:45		INTRODUCTION TO THE POSTER SESSION - DAY 2			10:45	

11:00	Poster and COFFEE BREAK				11:00
			S.2.1 Earthquake and tsunami hazard: different return periods, different conceptual schemes and models in a continuum spectrum of time <i>Daniela Di Bucci (Dipartimento Protezione Civile)</i> <i>Dario Albarello (University of Siena)</i> <i>Bruno Page (University of Chieti)</i>	ASSEMBLEA UNIONE GEOFISICA ITALIANA (UGI) (11:00-13:00)	
11:30	Earthquakes without borders. Julian Alps earthquakes at the beginning of the 20th cent. C. Caracciolo	NaTech Risk Assessment through 1D and 2D site response analysis in industrial plants G. Berardo, L.M. Giannini, A. Marino, G. Scarascia Mugnozza.	An Algorithm for Rupture Catalog Generation in Complex Fault Systems: Integrating 3D Geometry and Depth-Dependent Constraints A. Valentini		11:30
11:45	Integration of field and web-based macroseismic surveys in Italy L. Graziani, P. Sbarra, M. Locati, A. Rovida, V. De Rubeis, D. Sorrentino, A. Tertulliani, P. Tosi	Integrating Seismic, Landslide, and Flood Hazards Through an AHP-Based Multi-Hazard Framework: The Marche Region Case Study P. Marincioni,T. Volatili,E. Tondi	Exploring Fault Behaviour and Seismic Hazard in the Central Apennines through Earthquake Simulations K. Saghatforoush, B. Pace, A. Verdecchia, F. Visini, O. Gomez Novell, O. Zielke, L. Peruzza		11:45
12:00	Human consequences in the seismic history of Italy S. Baranello, A. Antonucci, A. Rovida, V. Pessina, M. Locati	Supporting regional risk reduction through archetype building analysis M.G. Masciotta, G. Cianchino, G. Brando	(KEY NOTE) A concise but structured overview of the evolution of the DISS database: an AI perspective G. Valensise		12:00
12:15	REVISION OF THE MACROSEISMIC DATASET OF THE MAY 5, 1990 EARTHQUAKE, IN THE POTENZA AREA. Subtitle: better late than never A. Tertulliani, A. Antonucci, C. Castellano, L. Cucci	Assessment of earthquake-induced road interruption in a virtual testbed M. Di Domenico, P. Ricci, G.M. Verderame 			12:15
12:30	Can We Quickly Calculate Reliable Earthquake Parameters from Citizen Testimonies? G.Vannucci, R. Bossu, M. Landès, P. Gasperini	A Harmonized Toolkit for Disaster Preparedness: Simulating Emergency Response System Performance in Cross-Border Urban Areas. B. Di Napoli, S. Cattari, M. Lazzati, M. Dolšek, N. Fazarinc, N. Rebora, D. Ottonelli, B. Borzi, M. Faravelli, M. Polese 			12:30
12:45	DISCUSSION	Seismic vulnerability of a historic minaret in Old Cairo: an integrated geosciences and earthquake engineering approach M. Fasan, H.M. Hassan, H.E. Abdel Hafiez, C. Bedon, F. Romanelli	Scientific contributions from twenty years of CIEN recordings Cristiano Fidani		12:45
13:00	LUNCH				13:00
14:00	Discriminating the 1688 Sannio earthquake source: ShakeMap-driven validation of competing seismogenic hypotheses A.Capozzoli, V. Paoletti, J. Elez, P.G. Silva, S. Porfido, A.M. Michetti, R. Nappi	Urban Soil and Building Characterisation for Advanced Seismic Risk Assessment: the city of Potenza (southern Italy) G. Gangone, M.R. Gallipoli, M. Vona	Toward Recognizing the Waveform of Foreshocks Lippiello, G. Petrillo, C. Godano and L. Dal Zilio	Tavola Rotonda "MONITORARE LA TRANSIZIONE – Il ruolo della geofisica applicata" (14:00-15:00)	14:00

14:15	A Review of 40 Years of Instrumental Seismicity for the Study of Hidden Seismogenic Structures in Southern Piedmont F. Guiñez-Rivas, S.C. Vinciguerra, C. Comina, F. Bosco, G.M. Adinolfi 	Investigating Soil–Structure Interaction at the Santa Sofia Bell Tower (Benevento, southern Italy) S. Lucente, M.R. Gallipoli, V. Serlenga, B. Petrovic, S. Parolai	New insights into temporal changes in magnitude probability distribution in Central Italy E. Varini, R. Rotondi, A. González Fuentes	ASSEMBLEA SEZIONE ITALIANA EAGE-SEG (15:00-16:00)	14:15
14:30	High-precision close-range photogrammetry of paleoseismological trenches for 3D modelling, monographs and synthetic images from rendering. A. Marchesini	On the choice of the q-behaviour factor for Light-Frame Timber buildings A Mazelli, C Bedon, A Morassi	Data-Driven Empirical Modeling of Source Directivity Effects in a Ground Motion Model for Central Italy L. Colavitti, G. Lanzano, S. Sgobba, F. Pacor		14:30
14:45	Fault System Interaction and Deformation Partitioning at the NE Adria Indenter: Insights from Eastern Friuli and Western Slovenia V. Kastelic, M. M. C. Carafa, G. Rajh, B. Vičič	Exposure and vulnerability characterization for reliable seismic risk assessment: the case study of Bologna G. Yazici, F. Ferretti, G. Salamida, N. Buratti, L. Pozza	Ground Motion Prediction Equations for Calabria (Italy) based on regional earthquakes data (3.4 ≤ M ≤ 5.2) D. GALLUZZO, M. PONTE, M. G. SOLDOVIERI, M. LA ROCCA		14:45
15:00	THE “ETNA FAC-MS3” PROJECT: PROBLEMS AND IMPLICATIONS OF CAPABLE FAULTS ON MICROZONATION IN A VOLCANIC AREA E.Peronace,R.Azzaro,S.Catalano,M.Mancini,A.Torrì	Seismic fragility curves of existing masonry school buildings in Friuli-Venezia Giulia I Boem, N Gattesco	Sensitivity of Italian seismic hazard to recent GMMs and microzonation data F. Sabetta, G. Fiorentino		15:00
15:15	Recent activity of the Tremestieri Fault, Etna volcano: model constraints from integrated seismological, InSAR, tilt and tectonic data R. Azzaro, S. Alparone, S. Brooks, S. Gambino, F. Guglielmino, A. Iozzia, A. Ursino	Nonlinear static vs. dynamic seismic analysis of masonry aggregates: a case study in Southern Italy R. Di Chicco, A. Formisano 	(INVITED KEY NOTE) The Italian Seismic Hazard Model (ISHM): Objectives, Methodology, and Governance A. Akinci, V. D’Amico, M. Taroni, G. Lanzano, G. Falcone, C. Chiarabba, A. Antonucci, R. Azzaro, R. Basili, M. M. C. Carafa, V. Convertito, G. Dalla Via, S. D’Amico, E. Giampiccolo, B. Lolli, F. E. Maesano, C. Mascandola, I. Munafò, C. Pandolfi, P. Roselli, A. Rovida, A. Scala, S. Sgobba, F. Sparacino, M. M. Tiberti, A. Tramelli, G. Tusa, T. Tuvè, F. Visini, collaboration with GEM		15:15
15:30	Unveiling the segmentation of the Montello Front and the role of inherited margins in the Eastern Southern Alps (NE Italy): insights from the CARG Project – 084 Vittorio Veneto Sheet G. Patricelli, M.E. Poli, G. Monegato, P. Mozzi, J. Boaga, I. Barone, L. Rettig, S. Rossato, G. Toffolon, L. Crocitto, S. Papa, N. Preto, A. Franceschet, C. Stefani	DISCUSSION AND CLOSURE OF SESSION 2.2			15:30
15:45	Linking thrust fault maturity and coseismic behaviour: evidence from the 2022 Mw 5.8 Adriatic offshore earthquake L. Petracchini, S. Tavani, M. Brandano, E. Carminati, C. Chiarabba, A. Conti, R. Devoti, P. Galli, M. Palano, G. Pezzo, L. Scognamiglio, E. Tinti, A. Billi		DISCUSSION		15:45
16:00	Poster and COFFEE BREAK				16:00

		S.1.3 Physical models for the Solid Earth and integration between modeling and data of different nature <i>Carla Braitenberg (University of Trieste)</i> <i>Anna Maria Marotta (University of Milano)</i> <i>Barbara Orecchio (University of Messina)</i>			
16:30	Interseismic coupling degree of the Northern Apennine Arc in Emilia Romagna region, (Italy) S. Giuffrida, S. Graham, L. Anderlini, F. Carnemolla, F. Brighenti, G. de Guidi, F. Cannavò, R. Caputo. 	(KEY NOTE) XAI-Driven rainfall threshold estimation integrating GNSS data on a large landslide R. Franceschini, N. Nocentini, A. Rosi, L. Tunini, D. Zuliani, G. Peressi, G. Rossi 	To what extent b-positive is insensitive to catalogue incompleteness Biondini E., Gasperini P., Schorlemmer D., Gulia L.	CHALLENGE BOWL (16:30-18:20)	16:30
16:45	Seismic Energy from Small Earthquakes Maps Fault Segmentation in the Southeastern Alps M. Picozzi, L. Cataldi, A. Viganò, G. Ferretti, P. Brondi, D. Bindi, A. Magrin, G.D. Chiappetta, A.G. Iaccarino, D. Scafidi, P. Comelli, D. Spallarossa		Unsupervised Likelihood Inference of the b-Value via Magnitude Differences C. Godano, E. Lippiello and G. Petrillo		16:45
17:00	New hints for the seismic hazard assessment of the Venetian Prealps between Vittorio Veneto and Valdobbiadene (eastern Southern Alps, NE Italy). M. E. Poli, G. Patricelli, G. Paiero, A. Marchesini, E. Farinatti	Multi-Technique analysis of Ocean Tides and Ocean Tidal Loading in the Northern Adriatic using GNSS PPP, Tide Gauges, and GNSS Reflectometry A. Fantoni, C. Braitenberg, R. Devoti	Tsunami inundation scenarios related to faults near the Italian Central Adriatic coast C. Angeli, A. Armigliato, M. Zanetti, F. Zaniboni, S. Carcano, M. Forzese, L. Lipparini, I. Molinari		17:00
17:15	(INVITED) The many faults of the Messina Straits: A marine geology perspective A. Argnani	Laboratory Seismic Characterization of the Adriatic Plate Lithospheric Mantle and Continental Crust Lopez M.C, Kastelic V, Carafa M. M. C, Gola G ,V  , Motra H, Zanetti A	Stability of the Gela Basin Margin and Tsunamigenic Potential of Submarine Landslides in the Sicily Channel M. Zanetti, F. Zaniboni, C. Angeli, E. Paolucci, A. Armigliato, M. Rovere, A. Argnani		17:15
17:30			First Deployment of Tsunami Buoys in the Central Mediterranean Sea: System Description, Installation, and Operational Overview A. Costanza, F. Macaluso, A. Di Benedetto, F. Romano, S. Lorito, A. Amato, G. Marinaro, H.B. Bayraktar, S. Bruni, G. Selvaggi, A. Piatanesi, M. Volpe, N. Kalligeris		17:30
17:45			DISCUSSION		DISCUSSION
18:00	POSTER SESSION				18:00

	Thursday 12	Thursday 12 Rizzi Nuova Biblioteca	Thursday 12	
09:00	Round Table: 1976-2026 Fifty years of lessons learned and expectations for the future for the GNGTS community			09:00
11:00	COFFEE BREAK			11:00
11:30	General Assembly of GNGTS, with AGLC and Marco Mucciarelli award ceremonies			11:30
13:15	LUNCH			13:15
	Room ALFA Thursday February 12	Room BETA Thursday February 12	Room DELTA Thursday February 12	Room GAMMA Thursday February 12
	S.3.2 Near surface geophysics <i>Chiara Colombero (Politecnico of Torino)</i> <i>Emanuele Forte (University of Trieste)</i> <i>Michele Cercato (University of Roma LaSapienza)</i>	S.1.3 Physical models for the Solid Earth and integration between modeling and data of different nature <i>Carla Braitenberg (University of Trieste)</i> <i>Anna Maria Marotta (University of Milano)</i> <i>Barbara Orecchio (University of Messina)</i>	S.1.2 The role of geofluids in earthquakes, volcanoes and geothermal fields <i>Mimmo Palano (University of Palermo)</i> <i>Cristina Totaro (University of Messina)</i> <i>Francesca Di Luccio (INGV)</i>	
14:00	Quality assessment criteria for HVSr measurements: proposal and application to the Abruzzo region S. Ciaglia, A. Pagliaroli, D. Albarello, M. Moscatelli	Numerical models of the post-collisional evolution of the southern Variscan belt: comparison with the Valpelline Series (western Alps) A. Regorda, M. Filippi, M.Roda	Hydrologically induced geophysical processes in the Cansiglio Plateau, southern Alps. R Devoti, A Borghi, A Cavaliere, L Martelli, L Elia, F Pintori, E Serpelloni, P Fabris, D Zuliani, C Braitenberg, B Grillo, A Pastorutti	14:00
14:15	AI-based quality check and interpretation of microtremor H/V curves S. Castellaro, L. Dal Compare	Modelling the effects of gravitational instabilities on subduction zone initiation at passive margins V. Fedeli, A. Regorda, A.M. Marotta 	Insights into Fluid–Rock Interaction from Kinematic Analysis in the Southern Apennines P. Roselli, L. Valoroso, F. Di Luccio	14:15
14:30	Acceptability Criteria for Microtremor H/V Curves: Traditional and AI-Based Approaches. B. Tiboni , S. Castellaro 	(KEY NOTE) An Integrated 3D Thermo-Rheological Model of the Southern Apennines (Italy): Insights from the TRHAM Project M. Perrini, G. De Landro, G. Gola, F. Accomando, M. Fedi, V.	New insights on hydraulic behaviour of normal faults and thrusts of Irpinia area (Southern Italy), based on well exploration pressure profiles E. Vitagliano, L. Improta, L. Pizzino, N. D'Agostino	14:30

14:45	Ambient vibration analysis on Cà di Sotto earthflow (Northern Italy) E. Paolucci, A. Zuccarini, M. Zanetti, A. Armigliato, M. Bartola, M. Berti, S. Castellaro, N. Dal Seno, E. Ioriatti, R. Rani, F. Zaniboni	Kastelec, P. Izzani, D. Di Naccio, M. M. C. Carata, G. Falcone, M. Taroni and R. Castaldo	Fluid dynamics during the paroxysmal activity of Mount Etna F. Sortino, L. Calderone, S. Giammanco C. Ferlito	14:45
15:00	Integrating geophysical methods to characterize active paleo-landslides in Belgium A. Innocenti, AS. Mreyen, L. Cauchie, D. Caterina, V. Dorival, Y. Hussain, HB. Havenith, V. Pazzi 	Integrated seismic-gravity model of the Southern Apennines R. Tondi, C. Piromallo, P. De Gori, L. Improta, F. Di Luccio	Interpretation of corrected sea floor HVSr data on a gas emitting structure in the Sea of Marmara A. Brindisi, S. D'Amico, L. Beranzoli, D. Embriaco, A. Giuntini, D. Albarello 	15:00
15:15	Temporal Changes in Soil Elastic Parameters ($\Delta V/V$, $[\Delta f]_0$) and their Interdependence B. Tiboni, S. Castellaro 	GEODETIC LINKING ADVANCED SOFTWARE SYSTEM (GLASS) AND THE CENTRAL AND EAST EUROPEAN GNSS NODE FOR EPOS (CEGNxEPOS) S. Galvi, E. Magrin, L. Tunini, A. Magrin, P. Fabris, G. Rossi, A. Compagno, M. Bertoni, E. Del Negro, D. Zuliani, M. Furlan, B. Stopar, O. Sterle, K. Ritlop	Porosity calculation of Marsili rocks through imaging analysis and samples measurements G. Maurizio, C. Braitenberg, T. Trua, M. Marani, F. Bernardini, A. De Min	15:15
15:30	Passive seismic monitoring of a potentially unstable rock slope in Skagway, Alaska L. Di Toro, C. Colombero, J. Moore	Numerical analyses of 3D seismic site response in the Norcia sedimentary basin (Central Italy) F. Linsalata, R. Puglia, A. Costanzo, M. Massa, S. Lovati, C. Smerzini, M. Pischiutta, M. Vanini, S. Parolai, A. d'Onofrio and F. Silvestri	Earthquake-related fluids behaviour at Salse di Nirano mud volcano field (Italy) E. Ferrari, A.L. Rizzo, G. Capelli Ghioldi, A. Sciarra, G. Tamburello, F. Viveiros, S. Lovati, M. Massa	15:30
15:45	An eigenfrequency abacus for rapid estimation of block volumes from seismic noise measurements V. Pazzi, S. F. Fornasari, S. Devoto, G. Costa, E. Forte	DISCUSSION	DISCUSSION	15:45
16:00	POSTER and COFFEE BREAK			16:00
16:30	Full-3D Electrical Resistivity Tomography (ERT) for sinkhole assessment and gypsum mining planning A. Vergnano, C. Caselle, C. Comina, D. Franco, S. Bonetto 	(KEY NOTE) Constraining magma pressurization history at Mt. Etna volcano through geophysical observations and thermomechanical modeling M. Bensing, S. Vinciguerra, G. Puglisi, and L. De Siena	Persistent features and anomalies in the surface deformation of Campi Flegrei based on DinSAR data from the last 30 years A. Amoroso, L. Crescentini	16:30
16:45	Integrating Applied Geophysics for High-Resolution Soil Moisture Mapping and Hydrogeological Risk Assessment in Urban Environments L. Martino, G. Calamita, G. De Martino, E. Gueguen, T. Lacava, I. G. Lando, V. Cioffi, S. Uhlemann, F. Canora, A. Perrone		Magma chamber failure and dyke injection threshold for magma-driven unrest at Campi Flegrei caldera J. Natale, S. Vitale 	16:45
17:00	Comparison and validation of Frequency Domain Electromagnetic Methods and Electrical Resistivity Tomography for Seawater Intrusion Mapping in Shallow Coastal Aquifers B. Surian, E. Forte, L. Zini	Strain Deformation-Driven Cascades Explains Volcanic Earthquake Swarms C. Godano, V. Convertito, A. Tramelli, U. Tammara, V. Bruno, G. Petrillo	Sassolite precipitation at the restless Campi Flegrei volcano in Italy points to hydrothermal flashing by deep boron-rich brines M. Piochi, A. Mormone, G. Solomita, R. Moretti	17:00
17:15	Induced Polarization effects in airborne EM systems: fixed-wing and helicopter-borne measurements F. Dauti, T. Munday, S. Mulè, A. Viezzoli, G. Fiandaca 	Understanding Magma Ascent through Heat Propagation Buoyancy and Thermal Loss in the Lithosphere C. Godano, M. Gorgone, C. F. Munafò, S. Carlino, P. Rogolino and F. Oliveri	Seismological Evidence of Resonant Fluid-Filled Fractures at Campi Flegrei G. Rapagnani, S. Cesca, G. Saccorotti, G. Petersen, T. Dahm, F. Bianco, F. Grigoli	17:15

17:30	Magnetic UAV Sensing of non-volcanic CO2 degassing area: the case study of Mefite D'Ansanto R. Castaldo, F. Accomando, A. Barone, M. Buonanno, S. Grimaldi, F. Mercogliano, A.G. Napoliello, S. Pepe, T.A. Stabile, P. Tizzani	The new Center for National Gravimetric Service F. Greco, G. Berrino, F. Riguzzi, D. Sampietro, M. Crespi, F. Sansò	Ambient Noise Tomography of Campi Flegrei caldera (Naples, Italy): High Frequency Phase-Velocity Anomalies beneath the Solfatara–Pisciarelli Hydrothermal System C. Di Dato, A. Tramelli, L. De Siena		17:30
17:45		DISCUSSION	DISCUSSION		17:45
18:00	POSTER SESSION				18:00
	Room ALFA Friday February 13	Room BETA Friday February 13	Room DELTA Friday February 13	Room GAMMA Friday February 13	
	S.3.2 Near surface geophysics	S.3.1 Energy transition and resources	S.1.2 The role of geofluids in earthquakes, volcanoes and geothermal fields		
	Chiara Colombero (Politecnico di Torino)	Erika Barison (OGS)	Mimmo Palano (University of Palermo)		
	Emanuele Forte (University of Trieste)	Paolo Mazzucchelli (Aresys)	Cristina Totaro (University of Messina)		
	Michele Cercato (University of Roma LaSapienza)	Vincenzo Lipari (OGS)	Francesca Di Luccio (INGV)		
09:00		Microseism Energy Trends and Spectral Differences between the Mediterranean and Global Oceans A.M. Borzi, A. Cannata, S. D'Amico, C. Lo Re, F. Panzera, R. C. Aster	High-Frequency Monitoring of Volcanic Plumes over Europe Using the Sentinel-4 Mission aboard MTG-S G. S. Di Bella , C. Corradino, S. Cariello, A. B. Malaguti, A. La Spina, F. Torrisi, C. Del Negro		09:00
09:15	Comprehensive geophysical investigation of a prehistoric site: Favella della Corte (Cosenza, Italy) A. Cogliati, A. Ghirotto, A. Zunino, L. Peruzzo, J. Boaga, M. Pavan, E. Armadillo	Assessment of seismic noise induced by next-generation wind turbines in the Fulgatore area, NW Sicily R. Fontana, S. Capaccioli, M. Razzano, F. Fidecaro, G. Saccorotti, M. Marsella, G. Rapagnani, S. Gaviano, C. Giunchi, M. Olivieri, D. D'Urso, M. Punturo, F. Grigoli	Analytical modelling of thermo-poro-elastic spherical sources in a half-space, with application to Vulcano Island (Italy) S. Battolini, M. Nespoli, M. E. Belardinelli		09:15
09:30	Full-3d ERT sequences for archaeological prospection: comparison of different strategies A. Merico, A. Vergnano, C. Comina	Multi-Frequency Seismic Noise Analysis of an Extreme Meteorological Event and Its human Impact in Southern Italy A.M. Borzi, A. Cannata, F. Panzera	When gravity data lie: how thermo-poro-elastic processes mask magma M. Nespoli, M. Bonafede, M.E. Belardinelli		09:30
09:45	A classification of GPR pitfalls for better and more responsible usage E Forte, M Pipan	Preliminary results of a Deep Electrical Resistivity Tomography (DERT) in the Campi Flegrei area (Italy). E. Rizzo, S. Piscitelli, M. Balasco, J. Bellanova, G. Calamita, G. De Martino, L. Galasso, V. Giampaolo, E. Gueguen, A. Perrone, V. Serlenga, D. Mianulli, E. Galletti, M.G. Caielli, R. De Franco, I. Gaudiosi, F. Polpetta, M. Simionato, M. Mancini, S. Giallini, D. Tentori; G. Fiorentino, E. Tempesta, F. Davani, M. Moscatelli, F. Stigliano, V. Lapenna	Seismicity and Vp and Vp/Vs models around the Mefite d'Ansanto deep-CO2 degassing site (Southern Apennines, Italy) Valoroso L., Bagh S., De Gori P., Improta L., Piccinini D., Cianetti S., Roselli P., and Di Luccio F.		09:45
10:00	Assessing ice-related ambiguities in petrophysically driven joint seismic-electrical inversion using rock-physics diagnostics A. L. Miño, M. Pipan	A consistent geological and geophysical model of the Eastern Po Plain (Italy) for the evaluation of geothermal energy R. Basant, V. Cortassa, M. Tesaro, G. Gola , T. Nanni, P. Slupski, A. Galgaro, A. Manzella	On the use of the ACE Climate Model Emulator to investigate the climatic impact of volcanic activity L. Basile, E. Amato, V. Zago, C.Del Negro		10:00

10:15	Advancing petrophysical coupling of electrical and seismic tomographic data including shear waves G. Penta de Peppo, M. Cercato, G. De Donno 		DISCUSSION		10:15
10:30	POSTER and COFFEE BREAK				10:30
11:00	Effect of embankment structure on seismic wave propagation D.Chieppa, A. Vergnano, C. Comina, L.V. Socco	FUSE- A new infrastructure to help derisk site selection for future Underground Hydrogen Storage and White Hydrogen exploration F. Ferraccioli, E. Barison, L. Bonini, A. Soldati, C. Marchioli, M. Pipan, M. De Paoli, D. Gei, M. Giorgi, D. Civile, E. Forte, C. Bellezza, A. Schleifer, F. Donda, V. Lipari, S. Picotti,			11:00
11:15	Seismic and electrical monitoring of an earthen dam: first results from Fourcare test site (NW Italy) V. Strallo, C. Colombero, A. Godio	Time-lapse monitoring at the Svelvik CO₂ Field Lab: survey design G. Pantaleo, E. Ligas, G. Roncoroni, E. Forte, M. Pipan 	Deeply sounding a stratovolcano: the Mt Etna example G. Giacomuzzi, P. De Gori, C. Chiarabba		11:15
11:30		Time-lapse monitoring at the Svelvik CO₂ Field Lab: QC and preliminary results E. Ligas, G. Pantaleo, G. Roncoroni, E. Forte, M. Pipan	Ambient Noise Tomography to the Etna Magma System during the 2020-2021 period S. Florida, S.C.G. Vinciguerra, L. De Siena, G.M. Adinolfi		11:30

POSTER Theme 1			POSTER Theme 2			POSTER Theme 3		
S.1.1 Recent advancements in earthquake, active fault, and seismogenic process studies			S.2.1 Earthquake and tsunami hazard: different return periods, different conceptual schemes and models in a continuum spectrum of time			S.3.1 Energy transition and resources		
1.1/1 Artificial Intelligence (AI) and Machine Learning (ML) on Big Data seismology K. Tanaka Hernandez, J. Münchmeyer, A. Magrin, Serafina Di Gioia, A. Rodriguez Garcia, M. Sukan			2.1/1 Towards a Unified PFDHA Platform: OpenQuake Engine Implementation H Fernandez, Y Chen, M Pagani, L Peruzza			3.1/1 Indoor radon measurements in three different areas of Campania, with different geological features P. Addonizio, G. Buccheri, R. Crisci, F. Di Guida		
1.1/2 Preliminary seismicity patterns at Ischia Island revealed by Machine-Learning detection and relative relocation S. Danesi, S. Carlino, N.A. Pino			2.1/2 Analytical description of earthquake time interval survival functions. P. Harabaglia, G. Pettenati, T. Tufaro			3.1/2 A Physics-Based Protocol for Quantifying Geothermal Potential Across Reservoir, Wellbore, and Surface Systems G. Gola, R. Basant, M. Cornetto, V. Cortassa, A. Galgaro, T. Nanni, P.M. Slupski, M. Tesaro, F. Vagnon, A. Manzella		
1.1/3 Automated Spectral Analysis of Hydroseismograms by means of a Neural Network Based ML Approach: Preliminary Results on the Gran Sasso Aquifer (Italy) D. Isaya, A. Pignatelli, G. De Luca, V. Guerriero, C. Petrucci, M. Tallini			2.1/3 Homogenization of NEIC magnitudes B. Lolli, D. Randazzo, P. Gasperini					

1.1./4 Benchmark tests of Deep Learning pickers at Mount Etna volcano A. Carducci, O. Cocina, M. Sciotto, A. Cannata, S. Di Gioia, A. Vuan, A. Saraò, K. Tanaka Hernández, M. Sugan	2.1/4 Onshore seismic stations as meteotsunami sensors: integrated analysis of seismic, meteo-marine and satellite data of the May 2017 Sicily Channel event, Italy S.Zappalà, S.D'Amico, A.Cannata, F.Panzerà	S.3.2 Near surface geophysics
1.1/5 Understanding Volcano Dynamics by Unsupervised ML Clustering of Seismic Signals: A Case Study at Mount Etna W. Abed, Z. Zali, M. Sciotto, O. Cocina, A. Cannata, M. Picozzi, P. Martínez-Garzón, A. Vuan, A. Saraò, M. Sugan 		3.2/1 Geophysical Investigation of Urban Subsurface in the historical center of Messina, Southern Italy M.Adam, S.D'Amico, D.De Domenico, F.Panzerà, D.Presti, S.Scolaro, C.Totaro
1.1/6 Contribution of the local seismic network 'Fiumenet' to study microseismicity in the Provenzana-Pernicana fault system (Mt. Etna, Italy) during 2016-2017 S.Zingales, S.Alparone, A.Cannata, F.Panzerà, S.Rapisarda, A.Ursino	S.2.2 Science and technology to support earthquake prevention and preparedness	3.2/2 Towards the development and optimization of a geophysical sensors suite for the planetary exploration: the PRORIS and MARS-LAVA projects P. Tizzani, A. Barone, A. Vitale, F. Accomando, F. Mercogliano, R. Castaldo, G. Solaro, S. Pepe, I. Catapano, U. Cortesi, R. Orosei, F. Soldovieri
1.1/7 b-value estimation at Campi Flegrei (Italy) as indicator of seismic and volcanic activity A.Figlioli, S.Azhideh, S.Barani, N.Alessandro Pino, S.Danesi, M.Massa	2.2/1 A web platform for crowdsourced building data collection and expert-based validation MT Artese, E Varini, C Scaini, T Smile	3.2/3 Multimethod Geophysical Characterization of Subsurface Conditions in Monumental and Archaeologically Sensitive Urban Sites G Calamita, L Capozzoli, G De Martino, J Bellanova, S Piscitelli, A Perrone, L Martino, M R Gallipoli
1.1/8 Towards the generalization of the Visibility Graph method in earthquake catalogues S. Scudero, A. D'Alessandro	2.2/2 Evaluating the Hybrid Standard Spectral Ratio Method for Seismic Site Response Analysis in the Norcia Sedimentary Basin (Central Italy) A.M. Borzi, R. A. Fard, F. Panzerà, S. Parolai	3.2/4 Small-scale passive surface-wave tomography and rapid Vs estimation in a mud volcano system N. Carfagna, D. Albarello
1.1/9 Testing a Robust Approach for Laboratory Acoustic Emissions Source Mechanism W. Zhou, S.C. Vinciguerra, G.M. Adinolfi	2.2/3 Machine Learning Seismic Analysis to Support SISMO Emergency Network Optimization A. Costanzo, S. Falcone, A. La Regina, A. Ruffo, M. Pastori, SISMO Working Group	3.2/5 Distributed Acoustic Sensing (DAS) for river embankments monitoring: an open laboratory at the Chivasso test site. C. Comina, A. Vergnano, N. Piana Agostinetti, D. Chieppa, A. Villa, M. Arcangeli, L. Suranna, L.V. Socco
1.1/10 Physics-Based Broadband Ground Motion Simulations of the Mw 6.2 April 2025 Istanbul Earthquake A. Cuius, A. Akinci, P. Artale Harris, A. Pitarka, A. Askan, S. Karimzadeh, G. Muratoglu, U. Hancilar 	2.2/4 Attenuation of seismic waves in near-surface deposits using borehole-to-surface deconvolution G. Franceschina, A. Tento	3.2/6 Microtremor surveys and dense nodal acquisition to resolve the subsurface structure of the Colfiorito and Annifo basins (central Italy). M. Ercoli, G. Di Giulio, M. Porreca, E. Safarzadeh, G. Alaia, C. A. Brunori
1.1/11 Towards Near Real-Time 1D Nonlinear Ground Response Modeling in NorthEastern Italy M. R. Fomeshi, E. Zuccolo, C. Barnaba, F. Bonilla, S. Sangaraju, A. Carini	2.2/5 CONSTRUCTION OF SEISMIC FRAGILITY CURVES FOR REINFORCED CONCRETE FRAME BUILDINGS IN CUBA K. Leyva Chang, G. Morejón Blanco, E. Álvarez	3.2/7 Monitoring of the saline wedge in the rivers of the Ferrara province (Emilia Romagna region, Italy). F. Fongo, E. Rizzo
1.1/12 Expanding focal-mechanism catalogs for small earthquakes in SE Alps through automated analysis F. Abdi, A. Saraò, A. Magrin, M. Sugan, G. Messuti, M. Picozzi	2.2/6 Research for the Update of the Cuban Seismic-Resistant Standard G. Morejón Blanco, K. Leyva Chang, D. Candebat Sánchez, Z. Rivera Alvarez, J. Sánchez Arce	3.2/8 Exploring the Integrated Imaging of GPR and Magnetic Data through an Arithmetic approach F. Mercogliano, A. Barone, G. Esposito, R. Castaldo, P. Tizzani, I. Catapano

1.1/13 Seismotectonic Framework of the Northern Apennines: Insights from deep earthquake along the Livorno-Sillaro alignment (Central Italy) A.Fiaschi, C. Pauselli, M. Morelli M.	2.2/7 Improving Decentralized On-Site Earthquake Early Warning by rapid estimation of drift and inter-storey drift R. Morga, S. Parolai, V. Poggi, F. Romanelli	3.2/9 Monitoring the alpine environment using fiber-optic cables: case-studies on permafrost seasonal fluctuations and snow-cover characterisation N. Piana Agostinetti, A. Prokop, G. Crosta, B. Grasemann, A. Villa, E. Valbuzzi, B. Anwander, F. Riva, A. Caccia, L. Cifeca Recinella, D. Collino, M. Arcangeli, J. Ziegler and G. Saccorotti
1.1/14 A novel GNSS-based crustal velocity field for western Sicily M. Gennuso, R. Cassataro, M. Palano, M. Agate, M. Gasparo Morticelli, G. Avellone, L. Ferranti, A. Sulli	2.2/8 GA-OGS-ARSO Transfrontier CE3RN AdriaArray Seismicity Experiment (GOAT-CASE) installations and results D. Pesaresi, N. Horn, J. Pahor	3.2/10 Imaging the Buried Bedrock of the Venosta Valley (Italy) Using Seismic Nodal Arrays, DAS, Reflection Seismics, and Gravity Data G. Sgattoni, G. Alessandrini, C. Morelli, G. Cultrera, G. Di Giulio, D. Famiani, S. Maraio, F. Muccini, N. Piana Agostinetti, G. Tarabusi, M. Vassallo
1.1/15 Seismic potential of the Crati Valley (northern Calabria, Italy) in the context of the ongoing geodetic velocity field S. Giuffrida, F. Carnemolla, G. de Guidi, L. Anderlini, F. Brighenti, M. La Rocca, C. Tansi	2.2/9 A structured GIS-based workflow for identifying priority investigation sites in Level 3 Seismic Microzonation A. Porchia, G. Tortorici, A. D'Agostino, E. Peronace, G. Ortolano, S. Catalano	3.2/11 TRACKING COHERENT SEISMIC WAVEFIELD FEATURES IN ACTIVE-SOURCE DAS DATA BY 2-D NORMALIZED CROSS-CORRELATION L. Suranna, N. Piana Agostinetti
1.1/16 Fault-Propagation Folding and Holocene Faulting Along the 123-km-Long Kur Fault: Field Evidence from the Greater Caucasus (Azerbaijan) G. Piccio, F. L. Bonali, T. Pánek, V. A. Bracchi, E. Dell'Era, F. Pasquarè Mariotto, M. Břežný, L. Panzeri, A. Galli, A. Tibaldi	2.2/10 Seismic Waveforms Envelopes Analysis for Stochastic Simulations F. Ramadan, Z. Mazloum, G. Lanzano, S. Sgobba, F. Pacor, B. Seif El Dine, L. Jradi, P. Traversa 	3.2/12 Integrated Geophysical Study of the Vipava River near Miren (Slovenia): River–Aquifer Interactions in the Transboundary Soča/Isonzo Basin G. Travan, F. Accaino, A. Affatato, O. Souza de Araujo, I. Dreossi, M. Giustiniani, V. Ivan, G. Vižintin, L. S. Zampa
1.1/17 Investigating Seismogenic Processes in the High Agri Valley: Research Activities within the FRACTURES Project T.A. Stabile, F. Accomando, R. Castaldo, G. De Landro, F. Falabella, F. Izzì, M. Palo, S. Panebianco, A. Pepe, S. Pepe, M. Perrini, A. Perrone, V. Serlenga, P. Tizzani	2.2/11 A building footprint segmentation dataset from the Friuli Venezia Giulia region C. Rota, R. Kumar, F. Piccoli, G. Ciocca	
1.1/18 Near-fault observation in a seismic gap area: the Mt. Morrone-Maiella fault system (Central Apennines, Italy) M. Anselmi, P. De Gori, S. Bagh, I. Menichelli, R. Fonzetti, C. Chiarabba	2.2/12 Simulation of cumulative damage scenarios: three case studies R. Sava, R. Arcoraci, A. Greco, A. Pluchino, A. Rapisarda	S.3.3 Theoretical and methodological development in Applied Geophysics
1.1/19 Structural inheritance still controlling the seismotectonic of the central Apennines (Italy): lessons learned by the last major seismic sequences and implications for seismic hazard assessment M. Buttinelli, F.E. Maesano, R. Maffucci, G. Vico, M. Anselmi	2.2/13 Recent developments and applications of STATION, a dynamic webservice for seismic site characterisation across Europe G. Tarchini, D. Spallarossa, D. Scafidi, L. Colavitti, S. Parolai, M. Picozzi, D. Bindi	3.3/1 Estimating complex site response function to generate virtual seismogram R. Amiri Fard, S. Parolai, F. Panzera, F. Romanelli
1.1/20 Earthquake parameters of historical events: influence of alternative macroseismic fields on the seismogenic source determination Gironelli V., Luzi L., Antonucci A., Rovida A.	2.2/14 Characterization of the Net4Fer seismic station network P. Taverna, A. Bazzanella, F. Brighenti, C. Barnaba, R. Caputo	3.3/2 Locating seismic event using Distributed Acoustic Sensing (DAS) data and DAS channel correlation: a proof of concept M. Arcangeli, N. Piana Agostinetti, G. Saccorotti, G. Festa, R. Pegna, E. Bozzi, C. Strumia, F. Scotto di Uccio and G. Selvaggi

1.1/21 Detection and Characterization of the Recent Seismicity Clusters Along the Africa-Eurasia Plate Boundary in the Southern Tyrrhenian region T. Mancuso, S. Cesca, F. Grigoli, D. Presti, C. Totaro, B. Orecchio	2.2/15 Hybrid Geotechnical Digital Twins: A Validation Framework for Seismic Risk (HGDT-SR) T. TUFARO	3.3/3 Seismic interferometry in surface-borehole systems: effects of sensor geometry and downgoing wavefields A. Schibuola, S. Parolai, R. Amiri Fard, M. Possenelli, R. Morga, F. Baldassi, F. Romanelli, S.-T. Lai
1.1/22 New macroseismic intensity data for the earthquakes of the 1783 seismic sequence in Calabria (Italy) M. Orlando, A. Tertulliani, L. Graziani	2.2/16 SYNTPLASM: An Integrated Framework Probabilistic Multi-Hazard Assessment, Operational Planning and Risk Communication in Mountain Infrastructures T. Tufaro, L. Biagini, A. Iaiza, M. Romano	3.3/4 A theoretical lower bound for the saturation exponent in Archie's law H Yan, C Comina, S C Vinciguerra
1.1/23 INTEGRATED MORPHOTECTONIC, SEISMIC, AND NEAR-SURFACE GEOPHYSICAL INVESTIGATION OF THE VIGONOVO THRUST (EASTERN SOUTHERN ALPS, NE ITALY) L. Suranna, G. M. Caielli, F. L. Bonali, R. De Franco, E. Rizzo, A. Tibaldi, M.E. Poli, G. Patricelli, A. Villa		
S.1.2 The role of geofluids in earthquakes, volcanoes and geothermal fields	S.2.3 Social Dimensions of Risks Associated with Natural Hazards	
1.2/1 Merging field data and numerical modelling for a better understanding of dyke-induced faults F.L. Bonali, A. Luppino, S. Brando, F. Pasquaré Mariotto, S. Bolognino Galli, E. De Beni, A. Tibaldi	2.3/1 Social Inequalities in Earthquake Prevention: A Comparative Assessment of Seismic Governance in 12 High-Risk Countries A. D'Alessandro, S. Fusi	
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