	Monday 21 October		Tuesday 22 October	Wednesday 22 October		Thursday 24 October		Friday 25 October
	-	convener	Susana Custodio		convener	Antonio Pio Rinaldi	convener	Licia Faenza
		09:00 - 09:30	Louis de Barros "Seismic migration driven by fluid-induced aseismic slip in natural swarms and anthropogenic induced sequences"	FIELD TRIP	09:00 - 09:30	7 7 477 7	09:00 - 09:30	Sebastian Hainzl "How can anthropogenic and natural swarms be distinguished from self-driven, epidemic-type earthquake sequences?"
		09:30 - 09:50	Alessandro Vuan "Off-fault Triggered Swarms after L'Aquila 2009 and Central Italy 2016-2017 seismic sequences" Claudio Chiarabba		09:30 - 09:50	Liu Min "Intersection between tectonic faults and magmatic system promotes swarms with large magnitude earthquakes around the Tengchong Volcanic Field, SE Tibetan Plateau" Tomas Fischer	09:30 - 09:50	David Marsan "Flexible objective methods for detecting swarms: th cases of the Chilean subduction zone and the complex Amatrice-Norcia sequences"
		09:50 - 10:10	"Seismic swarming in the Apennines: Insights into their		09:50 - 10:10	"Seismic swarm and graben formation preceding the Grindavík 2023 eruption"	09:50 - 10:20	Andrea Llenos "Improving forecasts during earthquake swarms" Beata Orlecka-Sikora
		10:10 - 10:30	Kris Pankow "Contrasting Anthropogenic-Induced Swarms and Natural Swarms"		10:10 - 10:30	Pavla Hrubcova "Pre-eruption 2021 seismic swarm at Fagradalsfjall, lceland as a sensitive indicator of volcano-tectonic movements"	10:20 - 10:40	"Deciphering Earthquake Preparatory Processes: Perspectives on Subcritical Fracture Growth and Similarities in Rupture Growth Phases in Anthropogenic Seismic Swarm Activity"
		10:30 - 11:00	coffee break		10:30 - 11:00	coffee break	10:40 - 11:10	coffee break
		convener	David Marsan		convener	Jurgen Neuberg	convener	Micol Todesco
		11:00 - 11:30	Patricia Martinez-Garzón "The 8-month journey towards the 2023 MW 7.8 Kahramanmaraş earthquake: persistent seismicity clustering and anthropogenic activities"		11:00 - 11:20	Eleonora Rivalta "Numerical modelling of the seismicity induced by propagating hydraulic fractures"	11:10 - 11:30	Jurgen Neuberg "Seismo-Volcanic Earthquake Swarms – Source mechanisms and forecasting potential"
		11:30 - 11:50	Sigurjon Jonsson "Slow Slip in Earthquake Swarms on Oceanic Transform Faults? Lessons Learned from the Húsavík-Flatey Fault in North Iceland"		11:20 - 11:40	Luigi Passarelli "Unraveling hydro-fracturing mechanism: Is the analysis of induced-seismicity alone sufficient?"	11:30 - 11:50	Stephen Malone "Seismic Swarms of the Cascade Volcanoes and Magma Replenishment"
11:00 - 13:00	Welcome buffet & Registration	11:50 - 12:10	David Essing "Swarm seismicity as indication for magmatic activity along ultra-slow spreading Ridges: insights from a high-resolution earthquake catalog obtained from Gakkel Ridge Deep (Arctic Ocean)"		11:40 - 12:00	John Wilding "The Pahala Sill Complex swarm illuminates magma dynamics in the mantle"	11:50 - 12:10	Danilo Galluzzo "Recent VT earthquake swarms in Campi Flegrei ((taly)"
		12:10 - 12:30	Susana Custodio "Seismic swarms in the Azores: The example of the February 2018 São Miguel crisis"		12:00 - 12:20	Jean Schmittbuhl "The 2019-2022 sequence of induced seismicity below the city of Strasbourg, France : insights from large-scale reservoir modeling"	12:10 - 12:30	Gilberto Saccorotti "Source properties and clustering styles of the recent seismicity at the Campi Flegrei volcanic complex (Italy)"
		12:30 - 13:00	Discussion		12:20 - 13:00	Discussion	12:30 - 13:00	Discussion
13:00 - 14:30	lunch	13:00 - 14:30	lunch		13:00 - 14:30	lunch	13:00 - 14:30	lunch
convener	Luigi Passarelli/Mario La Rocca	convener	Claudio Chiarabba		convener	Kris Pankow	convener	Lucia Zaccarelli
14:30 - 14:45	Luigi salutations	14:30 - 14:50	Massimo Cocco "Re-activating a natural fault zone in the Bedretto underground Laboratory"		14:30 - 15:00	Gesa Petersen "Complex microseismic sequences in complex geo- tectonic environments: A challenging view into the subsurface"	14:30 - 15:00	Pilar Sanchez-Pastor "Silent subsurface variations in seismic recordings"
14:45 - 15:15	Claudio Chiarabba Pollino overview and Pollino Near Fault Observatory	14:50 - 15:20	Elisa Tinti "Micro-earthquakes Induced by Fluid Injection: Distinctive Characteristics of Dynamic Rupture Models and near- source recorded observations"		15:00 - 15:20	Enrico Serpelloni "Multidisciplinary analysis of near fault observatory data: example from the Alto Tiberina fault (Northern Apennines, Italy)"	15:00 - 15:20	Wang Zhiwei "Dynamic Triggering of Earthquakes in Yunnan, China: Insights into the Influence of Distant M>6 Earthquakes and Geothermal Fluids"
	Ferdinando Napolitano "The role of fluids in driving the Pollino swarm-like sequence"	15:20 - 15:40	Antonio Pio Rinaldi "Real-time modeling of injection-induced seismicity: results from the DEEP project"		15:20 - 15:40	Eugenio Mandler "The Umbertide 2023 Seismic Sequence: relative velocity variations, ground deformation and role of fluids"	15:20 - 15:40	Blandine Gardonio "Seismicity acceleration and clustering before the Mw7.9 Gorkha earthquake, Nepal"
	Giuseppe Davide Chiappetta "Low magnitude seismic swarms in the Calabrian		Shu Weiwei "Complex seismic sequences originated from the collective					
15:45 - 16:05		15:40 - 16:00	behavior of asperities: an experimental approach"		15:40 - 17:10	Aperi-Poster I	15:40 - 17:10	Aperi-Poster I
16:05 - 17:30	Aperi-Poster I	16:00 - 17:30	Aperi-Poster I		17:10 - 17:40	Simone Cesca "Anti-repeating earthquakes in swarms and complex sequences"		
	Giovanna Calderoni "Investigating the Complexity of the 2010-2014 Pollino Seismic Sequence: A Comparative Study of Stress Drop Estimates Using Diverse Methods"	17:30 - 18:00	Hao Chen "Can we develop new models for seismogenesis using advances in the laboratory?"		17:40 - 18:30	Discussion	17:10 - 18:00	Discussion
18:00 - 18:30	Discussion	18:00 - 18:30	Discussion					
10.00 - 10.30								
10.00 - 10.30		Evening event	Social Dinner + Live Band (local folk music)		Evening event	Movie night	Evening event	Closing party
18.00 - 18.30		Evening event	Social Dinner + Live Band (local folk music)		Evening event	Movie night	Evening event	Closing party

Coffee Posters I (Monday-Tuesday)		Coffee Posters II (Thursday-Friday)		
Abacha Issam	Revisiting the 2007 Mila Water Pumping Leakage Induced- Swarm (NE Algeria): High Precision Relocation and 1 Statistical Analysis	Eyles Jade	1	Constraining links between seismicit behaviour at Mt. Etna before, during 2018 flank eruption
Rahmani Taki-Eddine Sofiane	Unraveling Seismic Patterns: A Deep Dive into Earthquake Sequences and Swarms in Northeastern Algeria through a Dual Method Approach	Tsuchiyama Ayako	2	The evolution of seismic behavior in Bucaramanga earthquake nest, Colo
Fonzetti Rossella	Machine-learning catalog building applied on the Campi Flegrei Caldera swarm	Corrado Paola	3	Statistical analysis of earthquake clu 2016/17 central Italy sequence ident machine learning
Zaccarelli Lucia	Correlations and change points identification in crustal anisotropy, b-value and vp/vs, time series during seismic swarm occurrences in the Alto Tiberina Fault zone (Italy)	Minetto Riccardo	4	Discriminating between high-hazard faults through cluster analysis: A cas induced seismicity at the Geoven de energy site, Strasbourg, France
Hartog Renate	5 Swarms in the Pacific Northwest of North America	Amezawa Yuta	5	Migration diffusivity as a controlling f duration of earthquake swarm
Vuan Alessandro	Multi-depth spatiotemporal evolution of the Sora seismic sequence (MW4.8, central Apennines)	Kotha Reddy Sreeram	6	Ground-Motion Analyses of Maurient 19)
Tinti Elisa	The Influence of Lithology and Fault Source Volume on the Magnitude Frequency Distribution of Earthquakes	Ndibi Etoundi Delair Dieudonne	7	Using earthquake time series to char seismicity in the Mount Cameroon re
Derode Benoit	Fluid-driven seismic swarms in the Gripp valley (Haute- Pyrénées, France)	Martínez-Garzón Patricia	8	Stress heterogeneities governed by and stress transfer: the 2016-2017 conseismic sequence
Wilnelly Ventura Valentin	Automated Detection and Characterization of Swarms and Mainshock-Aftershock Sequences in Southern Mexico	Pintori Francesco	9	Hydrology Drives Crustal Deformatic Seismicity: Case Studies from the M Eastern Southern Alps (Italy)
Peruzza Laura	Swarm-like microseismicity in the Northeastern Italy: some hints from a decade monitoring of the Collalto Seismic Network	Zhiwei Wang	10	Understanding and Managing Trailin Seismicity: A Quantitative Analysis of Factors
Borleanu Felix	Seismic Analysis of the 2023, ML 5.7 Southern Carpathians Earthquake Sequence: Insights into Seismicity Patterns, Crustal Structure and Stress Dynamics	Rossi Francesca	11	Fault linkage and distributed seismic
Michas Georgios	Deciphering the spatiotemporal complexity and the stress state evolution of the 2021 Arkalochori (Crete) foreshock swarm with a deep-learning catalog	Carrasco Sebastian	12	Preliminary observations of swarms dynamic triggering along the Liquiñe- system in southern Chile
Lecocq Thomas	Seismic Activity in Belgium: Characterizing Swarm-Like 13 Patterns and Geothermally Induced Seismicity	Jean-Luc Got (presented David Marsan)	13	Swarm-like seismicity on basaltic vol can learn from taking into account da diffusion
Villa Valeria	14 The Fingerprints of Swarms in the San Jacinto Fault Zone	Glück Elisabeth	14	Seismicity patterns and their source (N-E Iceland)
Giulio Poggiali	High Resolution Earthquake Catalog Characterizing Faults Geometry and Source Mechanisms in a Complex Extensional Fault System: the Altotiberina Fault Case 15 Study	Marius Isken	15	Qseek: A data-driven Earthquake De