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S01.20 - Investigating eruption triggers and dynamic processes in magmas

Time	ID	Title	Author Name	Affiliations	Presenter Name
8.30 - 8.45	239	Experimental Vesiculation and Outgassing of Crystal-Bearing Dacite	Alan Whittington (1) Thomas Herbst (1) Mattia Pistone (2) Jim Schiffbauer (1) Tara Selly (1)	(1) University of Missouri (2) University of Lausanne	Alan Whittington (invited)
8.45 - 9.00	314	Complex micro-textural and rheological controls on vulcanian explosion timing and magnitude at Galeras volcano, Colombia	Amelia Bain (1) Eliza Calder (1) Jackie Kendrick (2) Anthony Lamur (2) Yan Lavallee (2) Joaquin Cortes (3) Gloria Cortes (4) Diego Gomez (4) Roberto Torres (4)	(1) University of Edinburgh (2) University of Liverpool (3) Edge Hill University (4) Servicio Geologico Colombiano	Amelia Bain
9.00 - 9.15	692	New constraints on vesiculation kinetics in rhyolitic magma degassing from 4D synchrotron microtomography and novel particle-tracking during controlled heating: Implications for eruptive style and intensity	Rafael Torres-Orozco (1, 2) Nolwenn Le Gall (1, 2) Matthew J. Pankhurst (2, 3) Biao Cai (2, 4) Robert Atwood (5) Sara Nonni (2, 6) Fabio Arzilli (7) Peter D. Lee (1, 2)	(1) X-ray Imaging Facility, University College London (2) Research Complex at Harwell, Rutherford Appleton Laboratory (3) Instituto Tecnológico y de Energías Renovables (4) School of Metallurgy and Materials, University of Birmingham (5) Diamond Light Source Ltd (6) School of Materials, University of Manchester (7) School of Earth and Environmental Sciences, University of Manchester	Rafael Torres-Orozco
9.15 - 9.30	87	Parametric dependence of gas flow instability onset in lava domes	David Hyman (1) Marcus Bursik (1)	(1) University at Buffalo	David Hyman
9.30 - 9.45	758	Sill intrusion and magma eruptibility at calderas	Giovanni Macedonio (1) Flora Giudicepietro (1) Valerio Acocella (2) Laura Sandri (3)	(1) Istituto Nazionale di Geofisica e Vulcanologia, Osservatorio Vesuviano, Napoli, Italy (2) Dipartimento di Scienze, Università degli Studi Roma Tre, Roma, Italy (3) Istituto Nazionale di Geofisica e Vulcanologia, Sezione di Bologna, Italy	Giovanni Macedonio (invited)
9.45 - 10.00	748	Conduit gravity-inertia oscillation, a mechanism for very long period (VLP) seismicity at Kilauea volcano	Chao Liang (1) Josh Crozier (3) Eric Dunham (1,2) Leif Karlstrom (3)	(1) Department of Geophysics, Stanford University (2) Institute for Computational and Mathematical Engineering, Stanford University (3) Department of Earth Sciences, University of Oregon	Chao Liang
10.00 - 10.15	647	Behaviour of clinopyroxene phenocrysts during transport and storage of basaltic magmas: experimental study and implications for clinopyroxene barometry	Didier LAPORTE (1) Baptiste HADDADI (1) Olgeir SIGMARSSON (1) Antoine MATHIEU (1) Franck POINTUD (1)	(1) Université Clermont Auvergne, CNRS, IRD, OPGC, Laboratoire Magmas et Volcans, F-63000 Clermont-Ferrand, France	Didier LAPORTE
10.15 - 10.30	949	The impact of large earthquakes on volcanoes	Deepak Garg Antonella Longo Paolo Papale	INGV-Pisa	Deepak Garg

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S02.08 - Coordination of Civil Protection and Scientific community: best practices to support the management of volcanic crises and the long-term risk mitigation plans

Time	ID	Title	Author Name	Affiliations	Presenter Name
14.30 - 14.45	1150	Volcanic risk communication Strategy in Colombia	Marta Lucia Calvache (1) Natalia Contreras (2) Diana Cahó (3) Lina Dorado (2) Felipe Rocha-Gutiérrez (3) Alexis Casallas (3) Sandra Daza (3) Gloria Patricia Cortes- Jimenez (1) Gloria Patricia Cortes-Jimenez (1) Diego Mauricio Gómez-Martínez Adriana Agudelo Leidy Johana Castano (1) Andres Narvaez (1) Paola Narvaez (1) Lilly Maritza Martínez (1) Julian Andres Ceballos (1) Cristiaan Santacoloma (1)	(1) Servicio Geológico Colombiano (2) Unidad Nacional para la Gestión del Riesgo de Desastres (3) Observatorio Colombiano de Ciencia y Tecnología	Marta Lucia Calvache (Invited)
14.45 - 15.00	770	Civil protection and scientific community in Italy: a long history of interaction and cooperation aimed at volcanic risk mitigation	Italo Giulivo (1) Chiara Cardaci (1) Stefano Ciolli (1) Luigi Coppola (1) Chiara Cristiani (1) Domenico Mangione (1) Arianna Minicocci (1) Damiano Piselli (1) Antonio Ricciardi (1) Francesca Bianco (2) Francesco Italiano (2) Augusto Neri (2) Eugenio Privitera (2) Nicola Casagli (3) Maurizio Ripepe (3) Riccardo Lanari (4) Giulio Zuccaro (5)	(1) Dipartimento della Protezione Civile, Italy (2) Istituto Nazionale di Geofisica e Vulcanologia, Italy (3) Università di Firenze, Italy (4) Consiglio Nazionale delle Ricerche - IREA, Italy (5) Università di Napoli Federico II, Italy	Augusto Neri
15.00 - 15.15	711	Review of multiple hazards in volcanic islands to enable the management of long-term risks: the cases of Ischia and Vulcano, Italy	Jacopo Selva (1) Chiara Cardaci (2) Antonio Ricciardi (2) Valerio Acoella (3) Marina Bisson (4) Costanza Bonadonna (5) Stefano Branca (6) Antonio Costa (1) Stefano Caliro (7) Gianfilippo De Astis (8) Prospero De Martino (7) Marta Della Seta (9) Sandro De Vita (7) Cinzia Federico (10) Salvatore Gambino (6) Guido Giordano (3) Salvatore Martino (9) Antonio Paonita (10) Marco Pistolesi (11) Tullio Ricci (8) Roberto Sulpizio (12) Alessandro Tibaldi (13)	(1) Istituto Nazionale di Geofisica e Vulcanologia, Sezione di Bologna, Italy (2) Dipartimento della Protezione Civile, Rome, Italy (3) Università di Roma Tre, Dipartimento Scienze, Rome, Italy (4) Istituto Nazionale di Geofisica e Vulcanologia, Sezione di Pisa, Pisa, Italy (5) Université de Geneve, Geneve, Switzerland (6) Istituto Nazionale di Geofisica e Vulcanologia, Osservatorio Etno, Catania, Italy (7) Istituto Nazionale di Geofisica e Vulcanologia, Osservatorio Vesuviano, Naples, Italy (8) Istituto Nazionale di Geofisica e Vulcanologia, Sezione Roma 1, Rome, Italy (9) Università La Sapienza, Dipartimento di Scienze della Terra, Rome, Italy (10) Istituto Nazionale di Geofisica e Vulcanologia, Sezione di Palermo, Palermo, Italy (11) Università di Pisa, Pisa, Italy (12) Università di Bari, Bari, Italy (13) Università di Milano Bicocca, Milan, Italy	Jacopo Selva (Invited)
15.15 - 15.30	1019	Expert judgement as a tool for geohazard assessment for civil protection volcanic hazard assessment of the poorly known submarine volcanoes, and submarine parts of insular and coastal volcanoes. The case of the Italian "working table"	Francesco Chiocci (1,14) Chiara Cristiani (2) Rosanna De Rosa (3) Giovanni Iannaccone (4) Manfredi Longo (5) Michael Marani (6) Marco Neri (7) Franco Italiano (5) Antonio Ricciardi (2) Mauro Rosi (8) Daniele Casalbore (1,14) Danilo Cavallaro (7) Mauro Coltelli (7) Giovanni De Alteris (9) Sandro De Vita (4) Sara Innangi (9) Federico Lucchi (10) Emanuele Lodolo (12) Claudia Romagnoli (10) Marco Sacchi (9) Attilio Sulli (11) Renato Tonielli (9) Guido Ventura (13)	(1) Univ. La Sapienza, Roma (2) Dipartimento di Protezione Civile (3) Univ. della Calabria (4) INGV-Napoli (5) INGV-Palermo (6) CNR-ISMAR (7) INGV-Catania (8) Univ. di Pisa (9) CNR-IAMC (10) Univ. di Bologna (11) Univ. Palermo (12) OGS, Trieste (13) INGV-Roma (14) CNR-IGAG	Francesco L. Chiocci
15.30 - 15.45	690	Monitoring the December 2015 activity of Etna (Italy): an example of real time management of volcanic eruption	Stefano Branca (1) Daniele Andronico (1) Boris Behncke (1) Alessandro Bonforte (1) Tommaso Caltabiano (1) Francesco Ciancitto (1) Rosa Anna Corsaro (1) Antonio Cristaldi (1) Emanuela De Beni (1) Alessandro La Spina (1) Luigi Lodato (1) Lucia Miraglia (1) Marco Neri (1) Giuseppe Salerno (1) Simona Scollo (1) Gaetano Spata (1)	(1) INGV-Osservatorio Etno, Catania	Stefano Branca
15.45 - 16.00	409	10 Years of DEtermining VOlcanic Risk in Auckland (DEVORA)	Tracy Howe (1) Jan Lindsay (1) Elaine Smid (1) Graham Leonard (2)	(1) University of Auckland (2) GNS Science	Tracy Howe
16.00 - 16.15	356	Life in the Auckland Volcanic Field: Integrating natural hazards into city planning and preparedness.	Angela Doherty (1) Paige Sims (1) Craig Glover (1) Kiri Maxwell (1) Kathy Yan (1) Celia Wilson (1) Natasha Carpenter (2)	(1) Auckland Emergency Management, Auckland Council (2) Engineering and Technical Services, Auckland Council	Angela Doherty
16.15 - 16.30	277	Knowledge Exchange and Volcanic Risk Governance: Lessons from Policy Mobility Studies	Graeme Sinclair (1) Jennie S. Gilbert (1) Nigel H. Clark (1)	(1) Lancaster University	Graeme Sinclair

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S02.16 - Volcanic ashfall & gas impacts: existing and future resources in support of preparedness, assessment and mitigation

Time	ID	Title	Author Name	Affiliations	Presenter Name
17.00 - 17.15	710	The Current State of Knowledge of the Volcanic Ashfall Impacts Working Group	Kristi Wallace (1) Graham Leonard (2) Carol Stewart (3) (4) Thomas Wilson (5) David Damby (6) Tamar Elias (7) Claire Horwell	(1) U.S. Geological Survey/Alaska Volcano Observatory, Anchorage, Alaska, USA (2) GNS Science, Wellington, New Zealand (3) Joint Centre for Disaster Research, Massey University/GNS Science, New Zealand (4) University of Canterbury, New Zealand (5) U.S. Geological Survey/California Volcano Observatory, USA (6) U.S. Geological Survey/Hawaiian Volcano Observatory, USA (7) Durham University, UK	Kristi Wallace (Invited)
17.15 - 17.30	1195	Volcanic ash and gas: a complex and dynamic relationship with affected communities	Jenni Barclay (1) Graham Leonard (2) Carol Stewart (3) Teresa Armijos (1) Claire Horwell (4)	(1) University of East Anglia (2) GNS Science (3) Massey University (4) Durham University	Graham Leonard (Invited)
17.30 - 17.45	1201	Volcanic Ash Impacts to Infrastructure	Thomas Wilson (1) Carol Stewart (2) Susanna Jenkins (3) Natalia Deligne (4) Graham Leonard (4) Shane Cronin (5) Daniel Blake (1) Josh Hayes (1) Zoe Juniper (1) Kristi Wallace (6)	(1) University of Canterbury (2) Massey University (3) Nanyang Technological University (4) GNS Science (5) University of Auckland (6) United States Geological Survey	Thomas Wilson (Invited)
17.45 - 18.00	515	The drizzle burns my eyes and throat“ impacts of volcanic gas, aerosol and acid rain	Evgenia Ilyinskaya (1)	(1) School of Earth and Environment, University of Leeds, UK	Evgenia Ilyinskaya (Invited)
18.00 - 18.15					
18.15 - 18.30					
18.30 - 18.45					
18.45 - 19.00					

SHORT TALKS AND DISCUSSION