

TALKS

Day 1 - Wednesday 4th January

9:00 – 10:00 Registration opens and tea/coffee served

Student	Non-student
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10:00 - 10:10

ROOM A: Welcome address: Joint Assembly Chair Yan Lavallée

10:10 - 11:00

ROOM A: Keynote 1

10:10 (Keynote 1)	Freysteinn Sigmundsson*, Magnús T. Gudmundsson, Kristín Jónsdóttir, Andrew Hooper, Sæmundur A. Halldórsson et al.	The 2014-2015 caldera collapse, lateral dike formation, and major effusive eruption in the Bardarbunga volcanic system, Iceland
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11:00 - 11:15 Break

11:15 - 12:45

ROOM A: Gas, aerosols, ash and the atmosphere I (session 8)

11:15	Brendan McCormick Kilbride*, Lois Salem, Roberto D'Aleo, Peter Barry, Santiago Arellano et al.	Multi-sensor measurements of gas emissions from the volcanoes of Papua New Guinea
11:30	Thomas C. Wilkes*, Tom D. Pering, Andrew J. S. McGonigle, Angus J. Taggart, Giancarlo Tamburello et al.	The development of a low-cost UV camera and its application to the quantification of volcanic SO ₂ fluxes
11:45	Kerry A Reid*, Hazel Rymer, Stephen Blake, John Murray	Lava lakes and persistent degassing at Masaya volcano, Nicaragua
12:00	Giuseppe La Spina*, Mike Burton, Mattia de' Michieli Vitturi, Fabio Arzilli	Key role for syn-eruptive plagioclase disequilibrium crystallisation in basaltic magma ascent dynamics
12:15	Celine M. Vidal*, Nicole Metrich, Jean-Christophe Komorowski, Indyo Pratomo, Agnes Michel et al.	The 1257 Samalas eruption: the single greatest gas release of the Common Era
12:30	Matthew J. Genge*	The injection of volcanic dust into the mesosphere by electrostatic levitation

ROOM B: The structure and mechanics of fault zones I (session 6)

11:15	Åke Fagereng*, Sabine A.M. den Hartog	Subduction megathrust creep governed by pressure solution and frictional-viscous flow
11:30	Efstathios Delogkos*, Conrad Childs, Tom Manzocchi, John J. Walsh, Spyros Pavlides	From an initially unsegmented normal fault to a complex fault zone: The role of bed-parallel slip
11:45	Michael J. Allen*, Elisabetta Mariani, Carolyn Boulton, Daniel Faulkner	Evidence for cyclical fault zone sealing and strengthening, Alpine Fault, New Zealand
12:00	Mark B. Allen*, Richard J. Walters, Shuguang Song, Christopher Saville, Nicola De Paola et al.	Partitioning of oblique convergence coupled to the fault locking behaviour of fold-and-thrust belts: evidence from the Qilian Shan, northeastern Tibetan Plateau

12:15	Daniel Possee*, Derek keir, Nick harmon, Catherine Rychert, Caroline Eakin, et al.	Crustal Imaging of Haiti's Transpressional Fault System through Seismicity and Tomography
12:30	Alexander P. Clarke*, Paola Vannucchi, Jason Morgan	Seamount – Subduction Zone Interactions: Impact of ocean floor relief on subduction accretion/erosion & subduction channel heterogeneity

ROOM C: Earth's deep interior (session 10)

11:15	Jon Mound*, Chris Davies	The influence of mantle heterogeneity on core convection
11:30	Jessica C. E. Irving*, Sanne Cottaar Vedran Lekić	Earth's outer core properties estimated using bayesian inversion of normal mode eigenfrequencies.
11:45	Patrick Ball*, Nicholas White, John MacLennan, Finlay Stuart	Quantifying the Relationship Between Intra-Continental Magmatism and Dynamic Topography: North Africa
12:00	Jennifer Jenkins*, Arwen Deuss, Sanne Cottaar	Searching for structure in the mid-mantle: Observations of converted phases beneath Iceland and Europe
12:15	Emmanuel C. David*, Nicolas Brantut, Lars N. Hansen, Thomas M. Mitchell	Mechanics and seismic signature of semi-brittle deformation in antigorite
12:30	Tom Garth*, Sophie Coulson, Andreas Rietbrock	Constraints on subduction zone hydration from guided wave observations from three Pacific subduction zones

12:45 – 14:15 Hot Lunch and posters incl.:

13:45 – 14:10	ROOM C - Dr. Olga Degtyareva	How to start writing!
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14:15 – 15:30

ROOM A: Physical volcanology I (session 11)

14:15	Thomas J. Jones*, Edward W. Llewellyn, Laura Höltnen	Exchange flow within a dyke: an analogue experimental study
14:30	Margherita Polacci*, Fabio Arzilli, Mike Burton	Conduit processes in basaltic systems by quantitative analysis of X-ray microtomographic images of volcanic rocks
14:45	Amelia A. Bain*, Eliza S. Calder, Joaquín A. Cortés, Gloria Patricia J. Cortés, Susan C. Loughlin	Shallow conduit architecture associated with cyclic vulcanian explosions at Galeras volcano, Colombia
15:00	Wim Degruyter*, Christian Huber, Olivier Bachmann	The role of pre-eruptive exsolved volatiles in changing the eruptive style at Quizapu volcano (Chile)
15:15	Robert J. Gooday*, David J. Brown, Kathryn M. Goodenough, Andrew C. Kerr.	The Arran Volcanic Formation: eruption and collapse of a well-preserved Scottish caldera

ROOM B: The structure and mechanics of fault zones II (session 6)

14:15	Conrad Childs*, Tom Manzocchi, Efstratios Delogkos, Martin Schöpfer, John Walsh et al.	A quantitative description of fault zone internal structure
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14:30	Hannah Watkins*, Rob Butler, Clare Bond	Using laterally compatible cross sections to infer fault growth and linkage models in foreland thrust belts
14:45	Koen Torremans*, Roisin Kyne, Robert Doyle, John Güven and John Walsh	Fluid flow, feeders and fault zone structure – controls on metal distributions in Irish-type deposits
15:00	Christina M. Kelly*, Daniel R. Faulkner, Andreas Rietbrock	Imaging faults in anisotropic rocks
15:15	Ernie Rutter*, Julian Mecklenburgh	Hydraulic conductivity of thin, planar cracks in shale and sandstone as a function of shear and normal stress

ROOM C: Seismology, geodesy and remote Sensing: Methodologies and applications I (session 4)

14:15	Rodrigo Contreras-Arratia*, Jürgen Neuberg	Curved Seismic Source for LP Events: Model and Radiation Patterns
14:30	Oliver Lamb*, Silvio De Angelis, Yan Lavallée, Anthony Lamur, Adrian Hornby, et al.	Changes in long-term eruption dynamics at Santiaguito, Guatemala: Observations from seismic data
14:45	Tim Greenfield*, Derek Keir, Atalay Ayele, Aude Lavayssiere, J-Michael Kendall	Seismic velocity structure of Corbetti, Ethiopia
15:00	James Hickey*, Joachim Gottsmann, Haruhisa Nakamichi, Masato Iguchi	Mechanical and thermal controls on volcano deformation and magma supply
15:15	Adam J. Cawood*, Clare E. Bond, Yukitsugu Totake, John A. Howell, Robert W.H. Butler	Stackpole Quay: A case study on the applicability of virtual outcrops in structural model building

15:30 – 16:00 – Tea/ coffee break and posters

16:00 – 17:15

ROOM A: Physical volcanology II (session 11)

16:00	Ben S. Ellis*, Dawid Szymanowski, Tomas Magna, Olivier Bachmann, Marcel Guillong	The effect of cooling rates on lithium in rhyolites
16:15	Nathan Magnall*, Mike R James, Hugh Tuffen, Charlotte Vye-Brown	Emplacing a cooling limited rhyolite flow
16:30	Clarke, B*, Calder, E. S., Butler, I., Cortes, J. A., Dessalegn, F., Yirgu, G.	Peralkaline Rhyolite Achneliths with Evidence of Post-Emplacement Vesiculation at Aluto Volcano, Main Ethiopian Rift: What can these unusual pyroclasts tell us?
16:45	Jonathan Moles*, Dave McGarvie, Sarah Sherlock, John Stevenson, Peter Abbott	In search of the source of North Atlantic Ash Zone II and the Thórsmörk Ignimbrite
17:00	Kathrin Laeger*, Maurizio Petrelli, Daniele Andronico, Valeria Misiti, Corrado Cimarelli et al.	High-resolution geochemistry of volcanic ash highlights complex magma dynamics during the Eyjafjallajökull 2010 eruption

ROOM B: The structure and mechanics of fault zones III (session 6)

16:00	Tom M. Mitchell*, Blaise R. Winnard, John Browning, Philip. G. Meredith	Controls on Fracture Healing in Fault Damage Zones
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16:15	Christopher Harbord*, Stefan Nielsen, Daniel Faulkner, Nicola De Paola	An experimental investigation of earthquake rupture in granite at hydrothermal temperatures (20-160oC)
16:30	Karen Mair*, Steffen Abe	3D modelling of roughness evolution and gouge production in faults
16:45	Giacomo Pozzi*, Nicola de Paola, Stefan B. Nielsen, Robert E. Holdsworth	Viscous Flow Causes Weakening in Calcite Gouges Sheared at Seismic Velocity
17:00	Sabine A.M. den Hartog*, Daniel R. Faulkner, Christopher J. Spiers	What really controls friction in phyllosilicate fault gouges?

ROOM C: Seismology, geodesy and remote sensing: Methodologies and applications II (session 4)

16:00	Andrew Hooper*, Magnús T Gudmundsson, Marco Bagnardi, Karsten Spaans, Freysteinn Sigmundsson et al.	Forecasting of flood basalt eruptions: lessons from Holuhraun
16:15	Thorbjörg Ágústsdóttir*, Jennifer Woods, Tim Greenfield, Robert G. Green, Robert S. White	Seismicity accompanying the 2014 Bárðarbunga-Holuhraun intrusion and the co- and post-eruptive activity
16:30	Tom S. Hudson*, Robert S. White, Alex Brisbane	Exploring deep melt migration before and after an Icelandic eruption
16:45	Robert G Green*, Keith F Priestley, Robert S White	Seismic velocity structure of volcanic rift zones in Iceland
17:00	Olivier Galland*, Håvard S. Bertelsen, Frank Guldstrand, Tobias Schmiedel, Benjamin Rogers,	Dyke tip processes and large-scale deformation: implications for geodetic modelling

17:15 – 19:00

BGA-sponsored Ice-breaker and Poster session

Day 2 - Thursday 5th January

9:00 – 10:12

ROOM A (relayed on-screen in ROOM B): The volatile Earth: The role of liquids and gases in the dynamic solid Earth (session 2)

09:00	Elliot Carter*, Brian O'Driscoll, Ray Burgess, Patricia Clay	Ophiolite halogens and noble gases: quantifying subducted volatiles
09:12	Jacob Tielke*, Julian Mecklenburgh, Elisabetta Mariani, John Wheeler	Influence of water on the strength of olivine dislocation slip systems
09:24	Fabio Arzilli*, Mike Burton, Giuseppe La Spina*, Colin G. Macpherson	Extensive sub-arc decarbonation of subducting slabs
9:36	Brendan C. Hoare*, Emma L. Tomlinson, Jaime D. Barnes, John Caulfield	Long term residence of subduction-derived halogens in the Earth's ancient lithospheric mantle
9:48	Lois C Salem*, Marie Edmonds, John MacLennan, Bruce Houghton, Mike Poland	Aligning petrology with geophysics: the Father's Day intrusion and eruption, Kīlauea Volcano, Hawai'i
10:00	Samuel J. Mitchell*, Iona M. McIntosh, Bruce F. Houghton, Rebecca J. Carey	Syn-eruptive hydration of a deep-submarine explosive eruption: Water speciation analysis of volatiles in rhyolitic glass

10:00 - 10:45 – Poster session and tea/coffee served

10:45 - 12:30

ROOM A (relayed on-screen in ROOM B): Heterogeneity in the Earth: From micro to macro scale (session 1) incl. Keynote 2

10:45	James O. S. Hammond*, J-Michael Kendall	Seismically Imaging Melt
10:57	Simon Matthews*, Oliver Shorttle, John MacLennan, Jonathan Dawe	Olivine crystallisation temperatures as a proxy for mantle temperature
11:09	Clare E. Bond*, Robert A. Cliff, Robert W. H. Butler, John E. Dixon	Heterogeneity in tectonometamorphic systems; insights from Rb–Sr mica ages from the Cycladic Blueschist Belt, Syros (Greece)
11:21	Roberto Emanuele Rizzo*, David Healy, Natalie Jane Farrell	Riding the right wavelet: Detecting scale transitions in fracture and fault orientations using Morlet wavelets
11:33	Lars Hansen*, Kathryn Kumamoto, Christopher Thom, David Wallis, David Armstrong, et al.	Size effects in olivine: Reconciling 40 years of study into plasticity near the brittle-ductile transition
11:45	Timothy J. Davis*, David. Healy, Alodie Bubeck, Richard Walker	Exploring vesicle (pore) geometry and orientation on basalt strength
11:57 (Keynote 2)	Yan Lavallée*, Jackie Kendrick, Felix W. von Aulock, Anthony Lamur, Adrian Hornby et al.	Strain Localisation in Magma: A multidisciplinary collaboration

12:30 – 14:00 – Cold Buffet Lunch and posters incl.:

13:10 – 13:50	ROOM A - Student Forum
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14:00 – 15:12

ROOM A (relayed on-screen in ROOM B): Tectonic and magmatic processes during continental extensional tectonics and rifted margin formation I (session 3) incl. Keynote 3

14:00 (Keynote 3)	Othmar Müntener*	Key role of mantle rocks for rifted margin studies: observations, data and speculations
14:30	Chen Chen*, Louise Watremez, Tim Minshull, Rose Edwards, Manel Prada et al.	From continental hyper-extension to seafloor spreading: new insights from South porcupine basin
14:42	Carl McDermott*, Jenny S. Collier, Lidia Lonergan, Kenneth McDermott	Using SDRs to identify the mode of breakup along South America's magma-rich margin
14:54	James R. Norcliffe*, Douglas A. Paton, Andrew M. McCaig, Estelle J. Mortimer	Spatio-temporal variations in magmatism during continental breakup – insights from the 3D structure of Seaward Dipping Reflectors
15:06	Kamaldeen O. Omosanya*, Ståle E. Johansen, Ovie E. Eruteya, Nicolas D. Waldmann, et al.	Basal configuration of a mass-transport deposit influenced by subsurface magmatic plumbing: A 3D seismic case study from the Vøring Basin, offshore Norway

15:12 – 16:00 – Tea/coffee break and posters

16:00 – 17:24

ROOM A (relayed on-screen in ROOM B): Tectonic and magmatic processes during continental extensional tectonics and rifted margin formation II (session 3)

16:00	Robert (Bob) White*, iSIMM team and Cambridge Volcano Seismology team	Caught in the Act: Rifting and Melt Injection from the Faroes Margin to the Icelandic Rift Zones
16:12	Jeanne m. Giniiaux*, Andy Hooper, Marco Bagnardi	The enigmatic magma plumbing system of Askja volcano (Iceland)
16:24	Stewart Fishwick*	Lithospheric structure of the East African Rift System: mantle controls on rifting, volcanism & plate boundaries
16:36	Aude Lavayssiere*, Catherine Rychert Nicholas Harmon, Derek Keir, James Hammond, et al.	Imaging lithospheric discontinuities beneath the Afar Rift using S-to-P receiver functions
16:48	Melanie Siegburg*, Thomas Gernon, Jon Bull, Derek Keir, Rex Taylor, et al.	Tectono-magmatic evolution of the Boset-Bericha Volcanic Complex in the Main Ethiopian Rift
17:00	Fiona Iddon*, Marie Edmonds, Charlotte Jackson, William Hutchinson, Tamsin Mather et al.	Reservoir architecture beneath peralkaline volcanoes, Main Ethiopian Rift
17:12	Juliane Hübner*, Kathy Whaler, Shimeles Fisseha	Evidence for off-axis magma pathways in the Central Main Ethiopian Rift as imaged by Magnetotellurics

17:30 – 18:00

ROOM A: Prizes

18:30 – Meet to walk to dinner and party (approx. 30 min)

19:00 – 02:00 – Dinner and Party at CAMP AND FURNACE

Day 3 – Friday 6th January

9:00 – 10:30

ROOM A: Jon Davidson Memorial Session: Magma genesis, storage and transport I (session 5)

09:00	Adam Jeffery*, R. Gertisser, S. Self, A. Pimentel, B. O'Driscoll, et al.	Petrogenesis of the peralkaline ignimbrites of Terceira, Azores
09:15	Juliana Troch*, Ben S. Ellis, Chris Harris, Peter Ulmer, Olivier Bachmann	Bulk melting not an option: Assimilation and remelting in the Yellowstone volcanic field
09:30	Benjamin M. Jost*, Lloyd White, Max Webb	Pulses of Phanerozoic magmatism and associated high-T/low-P metamorphism in the Bird's Head, New Guinea
09:45	Victoria C. Honour*, Marian B. Holness, Bernard Charlier	The behaviour of immiscible silicate liquids in a crystal mush
10:00	Fiona K. Couperthwaite*, Daniel J. Morgan, Thor Thordarson, Jason Harvey	Petrological Journey Through an Icelandic Magma Plumbing System in Simulated Real Eruption Time
10:15	Brendan Murphy*	The role of the ancestral Yellowstone plume in the tectonic evolution of the western United States

ROOM B: Microstructures and deformation I (session 9)

09:00	Luca Menegon*, Giorgio Pennacchioni, Nadia Malaspina	Strain localization in pseudotachylite veins at lower crustal conditions
09:15	Melanie A. Finch*, Roberto F. Weinberg, Nicholas J.R. Hunter	Water loss and the origin of thick ultramylonites
09:30	Aretusini Stefano*, Oliver Plümer, Elena Spagnuolo, Giulio Di Toro	Seismic slip on clay nanofoliation
09:45	Joe Aslin*, Elisabetta Mariani, John Wheeler, Daniel Faulkner	The role of micas in deformation and strain partitioning within mid-crustal shear zones
10:00	Giulia Degli Alessandrini*, Luca Menegon, Francesco Giuntoli	Protracted weakening during lower crustal shearing along an extensional shear zone
10:15	Amicia L. Lee*, Taija Torvela, Geoffrey E. Lloyd, Andrew M. Walker	Crustal deformation mechanisms of migmatites and mylonites from the Western Gneiss Region, Norway

ROOM C: New frontiers in experimentation, rock physics and magma rheology (session 14)

09:00	John D. Bedford*, Daniel R. Faulkner, Henri Leclère, John Wheeler	Deforming porous rock: yield curve evolution and the implications for compaction, dilatation and localisation
09:15	Paul K. Byrne*, Michael J. Heap, Sami Mikhail	The role of gravity on Martian volcanism and tectonism from rock deformation studies
09:30	Thomas Breithaupt*, Lars Hansen, David Wallis, David Armstrong	Low temperature plasticity of plagioclase from nanoindentation
09:45	Katherine J Dobson*, Donald B Dingwell, Danilo Di Genova, Fabian B Wadsworth, Stephan Kolzenburg,	Magmas on the Move: in situ 4D Rheology of Three-Phase Magmas Using Ultra Fast X-ray Tomography
10:00	Anthony L.H. Lamur*, Gudjon H. Eggertson, Jackie E. Kendrick, Fabian B. Wadsworth, Yan Lavallée, et al.	Tensile fractures impact on fluid flow in dynamic geological settings
10:15	Emily J. Butcher*, Andrew Gibson, Philip Benson	Initial Development of an NIR strain measurement technique in brittle geo-materials

10:30 - 11:00 – Tea/ coffee and posters

11:00 - 12:30

ROOM A: Jon Davidson Memorial Session: Magma genesis, storage and transport II (session 5) incl. Keynote 4

11:00 (Keynote 4)	Sue Loughlin*	Global monitoring, reporting and anticipation of volcanic activity: can we do it?
11:30	Michael J. Stock*, Madeleine C.S. Humphreys, Victoria C. Smith, Roberto Isaia, David M. Pyle	Interpreting apatite volatile compositions using thermodynamic models: new insights into pre-eruptive processes at Campi Flegrei
11:45	Rebecca L. Astbury*, Maurizio Petrelli, Ilenia Arienzo, Massimo D'Antonio, Daniele Morgavi, et al.	Using trace element mapping to identify discrete magma mixing events from the Astroni 6 eruption
12:00	Euan J.F. Mutch*, John MacLennan, David A. Neave, Marie Edmonds	Constraining the timescale of magmatic ascent prior to the Skuggafjöll eruption, Iceland
12:15	Martin Mangler*, Chiara Maria Petrone, Julie Prytulak, Hugo Delgado-Granados	A pyroxenic view on major effusive and explosive eruptions at Popocatepetl volcano, Mexico, in the last 2000 years

ROOM B: Microstructures and deformation II (session 9)

11:00	Geoffrey E. Lloyd*, David Wallis	Analysis of crystal plasticity from EBSD datasets based on Schmid factor and critical resolved shear stress: possibilities and caveats
11:15	John Wheeler*	Things you didn't know you didn't know about diffusion creep
11:30	David Wallis*, Lars Hansen, Miki Tasaka, Kathryn Kumamoto, Geoffrey Lloyd, et al.	The impact of water on dislocation content and slip system activity in olivine constrained by HR-EBSD maps and VPSC simulations
11:45	Katy Willis*, Greg Houseman, Tim Wright, Andy Hooper	The strong influence of weak heterogeneities on strain distribution
12:00	Tyler Ambrose*, David Wallis, Lars Hansen, Dave Waters, Mike Searle	Controls on the rheology and mineralogy of peridotite in a palaeosubduction zone: a transect through the base of the Oman-UAE ophiolite
12:15	Alberto Ceccato*, Giorgio Pennacchioni, Luca Menegon, Michel Bestmann	Crystallographic control on microstructural evolution of coarse grained quartz veins

ROOM C: Georesources and geohazards in an evolving planet I (session 7)

11:00	Stephan Gehne*, Phillip Benson, Nick Koor, Mark Enfield	Fluid driven fracture mechanics in highly anisotropic shale: a laboratory study with application to hydraulic fracturing
11:15	Jonathan D. Smith*, Robert S. White	Hypocentral Event Location within the Groningen Gas Reservoir, NE Netherlands.
11:30	Helen Robinson*, Nemesio Perez, Paul Younger	Using surface geochemistry to identify and map fluid and gas conduits in high enthalpy geothermal systems in East Africa
11:45	Guðjón H. Eggertsson*, Yan Lavallée, Jackie E. Kendrick, Sigurður H. Markússon	How mechanical properties effect permeability within the Krafla reservoir, North-East Iceland
12:00	Thomas A.G. Utleý, Robert E. Holdsworth, Ken J.W. McCaffrey, Edward D. Dempsey, Robert A. Strachan, et al.	The structural geology of Foula, Shetland: an onshore analogue for the top of the Clair Ridge, west of Shetland
12:15	Jonathan Dietz*, David Brown	Hydrocarbon exploration in volcanic rifted margins: an analogue from the Hreppar Formation, Iceland

12:30 – 14:00 – Cold Buffet Lunch and posters incl.:

13:15 – 14:00	ROOM A - VMSG Annual General meeting ROOM B - TSG Annual General meeting ROOM C - BGA Annual General meeting
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14:15 – 15:30

ROOM A: Jon Davidson Memorial Session: Magma genesis, storage and transport III (session 5)

14:15	William Hutchison*, Adrian A. Finch, Adrian J. Boyce, Henrik Friis, Anouk M. Borst, et al.	New insights into magma ascent and emplacement from alkaline roof zones of Southern Greenland
14:30	Steffi Burchardt*, Tobias Mattsson, Octavio Palma, Olivier Galland, Karen Mair	Syn-emplacement fracturing of laccoliths

14:45	Margaret E. Hartley*, Enikö Bali, Sæmundur A. Halldórsson, John MacLennan,	Holuhraun 2014-2015: Geochemical constraints on magma storage and transport during a major volcano-tectonic episode
15:00	Richard J. Walker*, Tara Stephens, David Healy, Alodie Bubeck, Ken McCaffrey	Conjugate dykes and sills: a record of differential stress?
15:15	John Browning*, Kyriaki Drymoni, Agust Gudmundsson	A model to forecast magma chamber rupture

ROOM B: Earthquakes, palaeoseismology, and rates of fault slip: From milliseconds to millions of years (session 12)

14:15	Jennifer Weston*, Bob Engdahl, James Harris, Dmitry Storchak, Domenico Di Giacomo	ISC-EHB: Reinventing the EHB Earthquake Database
14:30	Ken J.W. McCaffrey*, Laura Gregory, Luke Wedmore, Maxwell W. Wilkinson, Gerald Roberts, et al.	Near-field monitoring of fault slip during the 2016 Central Italy seismic sequence
14:45	Austin J. Elliott*, John R. Elliott, James Hollingsworth, Barry E. Parsons	Rupture of the Karakul-Sarez fault in the 7 Dec, 2015 M7.2 Murghob, Tajikistan earthquake: implications for secondary hazards and the enigmatic 1911 event in the Pamirs
15:00	Richard Walters*, Laura Gregory, Luke Wedmore, Tim Craig, John Elliott, et al.	The evolution of the 2016 Central Italy seismic sequence from geodesy, seismology and field investigation
15:15	Ed J. Rhodes*, James F. Dolan, Sally F. McGill	Determining the chronology of Holocene earthquake clustering on the Garlock fault, California

ROOM C: Georesources and geohazards in an evolving planet II (session 7) incl. Keynote 5

14:15 (Keynote 5)	John Ludden*, Mike Stephenson, Geoff Baxter	The Energy Security and Innovation Observing System for the sub-surface (ESIOS)
14:45	John M. MacDonald*	Carbonate Clumped Isotopes: An Innovative Technique for Geo-Resource Characterisation
15:00	John M. Millett*, Eric Haskins, Donald Thomas, Dougal, A. Jerram, Sverre Planke, et al.	Lava flow reservoirs during burial: laboratory petrophysical and wireline geophysical results from two fully cored boreholes, Big Island, Hawai'i
15:15	James .P. Verdon*, J-M. Kendall, J.H. Johnson, R. Lockett, B.J. Baptie	Geomechanical Modelling of Seismicity Induced by Coal Mining

15:30 – 16:00

Room A: Prizes and close

18:30 – Pub crawl departing from venue