

GMPV – Geochemistry, Mineralogy, Petrology & Volcanology – Oral Sessions

Monday, 23 April

MO1 , 08:30–10:00	GD2.3/GMPV6.8/SM3.6/TS9.8 , Heat flow and thermal regime of the lithosphere: Deep and surface processes (co-organized), 08:30–10:00 in Room 22
	GMPV2.1/GD2.7/SM4.2/TS1.4 , Geochemical, petrological and physical discontinuities in the lithospheric mantle: supporting evidence and hypotheses for their origin (co-organized), 08:30–10:00 in Room 27
	GMPV4.6 , Volcanic conduits and ash in nature, models, and experiments, 08:30–12:00 in Room 31
	IG4 , Isotopes and Isoscapes as Tool for Forensic Provenancing (co-listed), 08:30–12:00 in Room 42
	PSD22.6 , GMPV4.2/TS4.9 - Volcanoes: Tectonics, Deformation, Geodesy, 08:30–09:15 in Room 35
	TS5.1/GD4.3 , Rifted margins and onshore analogues: mechanisms of deformation, sedimentation, and magmatism (co-listed), 08:30–12:00 in Room 12
MO2 , 10:30–12:00	GMPV4.2/TS4.9 , Volcanoes: Tectonics, Deformation, Geodesy (co-organized), 10:30–17:00 in Room 27
	GMPV4.6 , Volcanic conduits and ash in nature, models, and experiments, 08:30–12:00 in Room 31
	GMPV5.4 , Evolution of the lithospheric mantle: a petrological and geochemical perspective from the non-cratonic mantle xenoliths and orogenic peridotites, 10:30–12:00 in Room 2
	IG4 , Isotopes and Isoscapes as Tool for Forensic Provenancing (co-listed), 08:30–12:00 in Room 42
	TS5.1/GD4.3 , Rifted margins and onshore analogues: mechanisms of deformation, sedimentation, and magmatism (co-listed), 08:30–12:00 in Room 12
MO3 , 13:30–15:00	GD2.2/GMPV6.5/SM3.7/TS3.8 , Crustal Dynamics vs Anisotropy (co-organized), 13:30–15:00 in Room 30
	GMPV3.1 , Mineral growth and dissolution: Recent developments in the understanding of fluid-mineral processes (including Arne Richter Award for Outstanding Young Scientists Lecture), 13:30–17:45 in Room 31
	GMPV4.2/TS4.9 , Volcanoes: Tectonics, Deformation, Geodesy (co-organized), 10:30–17:00 in Room 27
MO4 , 15:30–17:00	GD4.1/GMPV6.16 , Mid-ocean ridge processes and their consequences: melting and melt extraction from a heterogeneous mantle (co-organized), 15:30–17:15 in Room 30
	GMPV3.1 , Mineral growth and dissolution: Recent developments in the understanding of fluid-mineral processes (including Arne Richter Award for Outstanding Young Scientists Lecture), 13:30–17:45 in Room 31
	GMPV4.2/TS4.9 , Volcanoes: Tectonics, Deformation, Geodesy (co-organized), 10:30–17:00 in Room 27
	GMPV5.1 , Magma generation and differentiation: Field, analytical, experimental and numerical investigation of magmatic and volcanic systems, 15:30–17:00 in Room 18
	PSD11.10 , GD2.5/GMPV6.12/SM4.3/TS10.9 - The tale of Laurasia cratons: new geophysical and geochemical evidence from Europe, Siberia, Greenland, and North America, 15:30–16:15 in Room SM2

Tuesday, 24 April

TU1 , 08:30–10:00	EMRP2.2/GMPV6.21/SM5.6/TS3.3 , A tribute to Luigi Burlini (co-organized), 08:30–10:00 in Room 42
	GMPV4.7 , Physics and dynamics of magma ascent, emplacement, eruption and deposition in volcanic systems, 08:30–12:00 in Room 27
	GMPV5.2 , How magma chambers work: recent advances in the study of granitic, alkaline and mafic-ultramafic plutonic complexes, 08:30–12:00 in Room 31
	GMPV5.5/TS3.5 , Batholith formation in space and time (co-organized), 08:30–10:00 in Room 20
TU2 , 10:30–12:00	GMPV1.2/GD5.3/TS6.6 , Subduction processes: geochemical inputs and outputs (co-sponsored by the European Association of Geochemistry (EAG)) (including AGU Kuno lecture) (co-organized), 10:30–12:00 in Room 20
	GMPV4.7 , Physics and dynamics of magma ascent, emplacement, eruption and deposition in volcanic systems, 08:30–12:00 in Room 27
	GMPV5.2 , How magma chambers work: recent advances in the study of granitic, alkaline and mafic-ultramafic plutonic complexes, 08:30–12:00 in Room 31
	TS9.5/G3.5/GD8.6/GM3.6/GMPV6.20/SM3.5 , Crustal faulting and deformation processes observed by InSAR, GPS and modelling techniques (co-organized), 10:30–17:00 in Room 11
TUL , 12:15–13:15	PSD2.12 , TS9.5/G3.5/GD8.6/GM3.6/GMPV6.20/SM3.5 - Crustal faulting and deformation processes observed by InSAR, GPS and modelling techniques, 12:15–13:00 in Room SM2
	PSD22.3 , GMPV2.1/GD2.7/SM4.2/TS1.4 - Geochemical, petrological and physical discontinuities in the lithospheric mantle: supporting evidence and hypotheses for their origin, 12:15–13:00 in Room 40
	PSD22.4 , GMPV1.2/GD5.3/TS6.6 - Subduction processes: geochemical inputs and outputs (co-sponsored by the European Association of Geochemistry (EAG)) (including AGU Kuno lecture), 12:15–13:00 in Room 37
TU3 , 13:30–15:00	EMRP2.6/GMPV6.10/NH4.1/SM5.5/TS2.9 , Thermo-mechanical coupling and physical properties: implications to natural hazards (co-organized), 13:30–17:00 in Room 42
	GD3.6/GMPV6.11/SM4.1/TS1.3 , The lithosphere-asthenosphere boundary (LAB) depth paradox (co-organized), 13:30–15:00 in Room 30
	GMPV5.1 , Magma generation and differentiation: Field, analytical, experimental and numerical investigation of magmatic and volcanic systems, 15:30–17:00 in Room 31
	PSD11.4 , GD4.1/GMPV6.16 - Mid-ocean ridge processes and their consequences: melting and melt extraction from a heterogeneous mantle, 13:30–14:15 in Room 37
	TS6.3/GD5.2/GMPV6.1 , What is the nature of the subduction interface? Cross-disciplinary views from Geodynamics-Geochemistry-Seismology (co-organized), 13:30–17:00 in Room 20
	TS9.5/G3.5/GD8.6/GM3.6/GMPV6.20/SM3.5 , Crustal faulting and deformation processes observed by InSAR, GPS and modelling techniques (co-organized), 10:30–17:00 in Room 11
TU4 , 15:30–17:00	EMRP2.6/GMPV6.10/NH4.1/SM5.5/TS2.9 , Thermo-mechanical coupling and physical properties: implications to natural hazards (co-organized), 13:30–17:00 in Room 42

	GMPV5.1 , Magma generation and differentiation: Field, analytical, experimental and numerical investigation of magmatic and volcanic systems, 15:30–17:00 in Room 31
	PSD22.8 , GMPV4.7 - Physics and dynamics of magma ascent, emplacement, eruption and deposition in volcanic systems, 16:30–17:15 in Room SM5
	TS6.3/GD5.2/GMPV6.1 , What is the nature of the subduction interface? Cross-disciplinary views from Geodynamics-Geochemistry-Seismology (co-organized), 13:30–17:00 in Room 20
	TS9.5/G3.5/GD8.6/GM3.6/GMPV6.20/SM3.5 , Crustal faulting and deformation processes observed by InSAR, GPS and modelling techniques (co-organized), 10:30–17:00 in Room 11
Wednesday, 25 April	
WE1 , 08:30–10:00	GD8.2/GMPV6.6/TS9.7 , Long-term rheological behavior of the lithosphere inferred from observations and models at laboratory and geological time and spatial scales (co-organized), 08:30–12:00 in Room 30
	GMPV1.3/GD6.2 , Deep mantle mineralogy, geochemistry and geodynamics (co-sponsored by the European Mineralogical Union (EMU) and by the European Association of Geochemistry (EAG)) (including Robert Wilhelm Bunsen Medal Lecture) (co-organized), 08:30–12:00 in Room 31
	GMPV4.1 , Volcano monitoring with instrument networks: novel techniques, observations and interpretations, 08:30–17:00 in Room 18
WE2 , 10:30–12:00	GD8.2/GMPV6.6/TS9.7 , Long-term rheological behavior of the lithosphere inferred from observations and models at laboratory and geological time and spatial scales (co-organized), 08:30–12:00 in Room 30
	GMPV1.3/GD6.2 , Deep mantle mineralogy, geochemistry and geodynamics (co-sponsored by the European Mineralogical Union (EMU) and by the European Association of Geochemistry (EAG)) (including Robert Wilhelm Bunsen Medal Lecture) (co-organized), 08:30–12:00 in Room 31
	GMPV4.1 , Volcano monitoring with instrument networks: novel techniques, observations and interpretations, 08:30–17:00 in Room 18
	GMPV5.6 , Equilibrium thermodynamics in metamorphic and magmatic petrology: state of the art, open issues and critical feedback from field and experiment, 10:30–12:00 in Room 20
WE3 , 13:30–15:00	GD6.1/GMPV6.13/SM4.5 , Whole mantle and transition zone structure, dynamics and evolution: multidisciplinary perspectives (co-organized), 13:30–17:00 in Room 30
	GMPV4.1 , Volcano monitoring with instrument networks: novel techniques, observations and interpretations, 08:30–17:00 in Room 18
	GMPV5.7/TS3.6 , Fluids in the deep Earth: Natural Observations, Experiments and Simulations of Fluid-Rock Interaction at high Pressures (co-organized), 13:30–15:00 in Room 31
	PSD22.7 , GMPV4.10/GM2.7 - Spatio-temporal perspectives on volcanological processes and volcanic landforms, 13:30–14:15 in Room SM1
	TS3.1/EMRP2.9/GD2.8 , Deformation and strain localization from micro- to lithospheric scales (co-listed), 13:30–17:00 in Room 29
WE4 , 15:30–17:00	BG2.8 , Remote Sensing and data assimilation in the Biogeosciences (co-sponsored by iLEAPS) (co-listed), 15:30–17:00 in Room 24
	GD6.1/GMPV6.13/SM4.5 , Whole mantle and transition zone structure, dynamics and evolution: multidisciplinary perspectives (co-organized), 13:30–17:00 in Room 30

	GMPV3.5 , Application of Raman spectroscopy in the Earth sciences: Recent advances, 15:30–17:00 in Room 31
	GMPV4.1 , Volcano monitoring with instrument networks: novel techniques, observations and interpretations, 08:30–17:00 in Room 18
	GMPV4.10/GM2.7 , Spatio-temporal perspectives on volcanological processes and volcanic landforms (co-organized), 15:30–17:00 in Room 20
	PSD11.11 , GD8.2/GMPV6.6/TS9.7 - Long-term rheological behavior of the lithosphere inferred from observations and models at laboratory and geological time and spatial scales, 15:30–16:15 in Room 35
	TS3.1/EMRP2.9/GD2.8 , Deformation and strain localization from micro- to lithospheric scales (co-listed), 13:30–17:00 in Room 29
Thursday, 26 April	
TH1 , 08:30–10:00	GMPV1.4/ERE3.5 , Elements critical to 21st century economies (co-sponsored by the Society of Economic Geologists (SEG), Society for Geology Applied to Mineral Deposits (SGA), and by the European Association of Geochemistry (EAG)) (co-organized), 08:30–12:00 in Room 31
	GMPV4.4 , Recent explosive eruptions: Conduit processes, ash dispersal and effects on aviation, 08:30–12:00 in Room 27
	IG9/GMPV2.2/PS9.2 , New advances in non-traditional isotope chemistry, thermochronometry and ⁴⁰ Ar/ ³⁹ Ar dating (co-organized), 08:30–12:00 in Room 42
TH2 , 10:30–12:00	GMPV1.4/ERE3.5 , Elements critical to 21st century economies (co-sponsored by the Society of Economic Geologists (SEG), Society for Geology Applied to Mineral Deposits (SGA), and by the European Association of Geochemistry (EAG)) (co-organized), 08:30–12:00 in Room 31
	GMPV4.4 , Recent explosive eruptions: Conduit processes, ash dispersal and effects on aviation, 08:30–12:00 in Room 27
	IG9/GMPV2.2/PS9.2 , New advances in non-traditional isotope chemistry, thermochronometry and ⁴⁰ Ar/ ³⁹ Ar dating (co-organized), 08:30–12:00 in Room 42
TH3 , 13:30–15:00	ERE5.3/GMPV6.7/HS8.2.8/SSS5.22 , Coupled Physical and Chemical Transformations Affecting the Performance of GeoSystems (co-organized), 13:30–17:00 in Room 19
	GD5.1/GMPV6.2/SM2.2/TS6.5 , Subduction dynamics from surface to deep mantle (co-organized), 13:30–17:00 in Room 30
	GMPV4.3 , Magmatic volatiles: from the mantle to the atmosphere, 13:30–17:00 in Room 31
	PSD11.7 , GD6.1/GMPV6.13/SM4.5 - Whole mantle and transition zone structure, dynamics and evolution: multidisciplinary perspectives, 13:30–14:15 in Room 37
	SM5.7/GMPV6.14/NH2.3 , Electromagnetic, seismic and other geophysical methods applied to volcano imaging and monitoring for hazard assessment (co-organized), 13:30–15:00 in Room 2
TH4 , 15:30–17:00	ERE5.3/GMPV6.7/HS8.2.8/SSS5.22 , Coupled Physical and Chemical Transformations Affecting the Performance of GeoSystems (co-organized), 13:30–17:00 in Room 19
	GD5.1/GMPV6.2/SM2.2/TS6.5 , Subduction dynamics from surface to deep mantle (co-organized), 13:30–17:00 in Room 30
	GMPV4.3 , Magmatic volatiles: from the mantle to the atmosphere, 13:30–17:00 in Room 31
Friday, 27 April	

FR1 , 08:30–10:00	GMPV1.1/GD2.6 , Origin, evolution of Earth's crust and the formation of a habitable planet (co-sponsored by the European Association of Geochemistry (EAG)) (co-organized), 08:30–15:00 in Room 31
	IG1/GMPV2.3/HS2.22/SSP5.1/SSS13.5/TS1.8 , Stable isotopes in geosciences - open session, including blocks of special attention (co-organized), 08:30–12:00 in Room 42
	TS10.2/GD3.10/GMPV6.19/SM2.10 , Geodynamics of the westernmost Mediterranean and NW Africa (co-organized), 08:30–12:00 in Room 29
FR2 , 10:30–12:00	GMPV1.1/GD2.6 , Origin, evolution of Earth's crust and the formation of a habitable planet (co-sponsored by the European Association of Geochemistry (EAG)) (co-organized), 08:30–15:00 in Room 31
	IG1/GMPV2.3/HS2.22/SSP5.1/SSS13.5/TS1.8 , Stable isotopes in geosciences - open session, including blocks of special attention (co-organized), 08:30–12:00 in Room 42
	TS1.2/GMPV4.14/PS2.10 , Volcanism and Tectonics in the Solar System (co-organized), 10:30–12:00 in Room 25
	TS10.2/GD3.10/GMPV6.19/SM2.10 , Geodynamics of the westernmost Mediterranean and NW Africa (co-organized), 08:30–12:00 in Room 29
FR3 , 13:30–15:00	GMPV1.1/GD2.6 , Origin, evolution of Earth's crust and the formation of a habitable planet (co-sponsored by the European Association of Geochemistry (EAG)) (co-organized), 08:30–15:00 in Room 31
	PSD22.1 , GMPV3.1 - Mineral growth and dissolution: Recent developments in the understanding of fluid-mineral processes (including Arne Richter Award for Outstanding Young Scientists Lecture), 13:30–14:15 in Room 35
	TS6.2/GD5.4 , Subduction and Collision Zones of the Caribbean (co-listed), 13:30–15:00 in Room 20

GMPV – Geochemistry, Mineralogy, Petrology & Volcanology – Poster Sessions

Monday, 23 April

MO1 , 08:30–10:00	PSD22.6 , GMPV4.2/TS4.9 - Volcanoes: Tectonics, Deformation, Geodesy, 08:30–09:15 in Room 35
MO2 , 10:30–12:00	GMPV2.1/GD2.7/SM4.2/TS1.4 , Geochemical, petrological and physical discontinuities in the lithospheric mantle: supporting evidence and hypotheses for their origin (co-organized), in Hall XL, XL284–XL307 Related: PSD22.3, see TUL
MO3 , 13:30–15:00	GMPV5.4 , Evolution of the lithospheric mantle: a petrological and geochemical perspective from the non-cratonic mantle xenoliths and orogenic peridotites, in Hall XL, XL362–XL379
MO4 , 15:30–17:00	PSD11.10 , GD2.5/GMPV6.12/SM4.3/TS10.9 - The tale of Laurasia cratons: new geophysical and geochemical evidence from Europe, Siberia, Greenland, and North America, 15:30–16:15 in Room SM2
MO5 , 17:30–19:00	GD2.2/GMPV6.5/SM3.7/TS3.8 , Crustal Dynamics vs Anisotropy (co-organized), in Hall XL, XL169–XL181
	GD2.3/GMPV6.8/SM3.6/TS9.8 , Heat flow and thermal regime of the lithosphere: Deep and surface processes (co-organized), in Hall XL, XL182–XL187
	GD2.5/GMPV6.12/SM4.3/TS10.9 , The tale of Laurasia cratons: new geophysical and geochemical evidence from Europe, Siberia, Greenland, and North America (co-organized), in Hall XL, XL188–XL201 Related: PSD11.10, see MO4
	GMPV4.2/TS4.9 , Volcanoes: Tectonics, Deformation, Geodesy (co-organized), in Hall XL, XL308–XL342 Related: PSD22.6, see MO1
	GMPV4.6 , Volcanic conduits and ash in nature, models, and experiments, in Hall XL, XL343–XL361
	IG4 , Isotopes and Isoscapes as Tool for Forensic Provenancing (co-listed), in Hall A, A292–A302
	TS5.1/GD4.3 , Rifted margins and onshore analogues: mechanisms of deformation, sedimentation, and magmatism (co-listed), in Hall A, A423–A446

Tuesday, 24 April

TU2 , 10:30–12:00	GMPV5.5/TS3.5 , Batholith formation in space and time (co-organized), in Hall XL, XL404–XL415
TUL , 12:15–13:15	PSD2.12 , TS9.5/G3.5/GD8.6/GM3.6/GMPV6.20/SM3.5 - Crustal faulting and deformation processes observed by InSAR, GPS and modelling techniques, 12:15–13:00 in Room SM2
	PSD22.3 , GMPV2.1/GD2.7/SM4.2/TS1.4 - Geochemical, petrological and physical discontinuities in the lithospheric mantle: supporting evidence and hypotheses for their origin, 12:15–13:00 in Room 40
	PSD22.4 , GMPV1.2/GD5.3/TS6.6 - Subduction processes: geochemical inputs and outputs (co-sponsored by the European Association of Geochemistry (EAG)) (including AGU Kuno lecture), 12:15–13:00 in Room 37
TU3 , 13:30–15:00	PSD11.4 , GD4.1/GMPV6.16 - Mid-ocean ridge processes and their consequences: melting and melt extraction from a heterogeneous mantle, 13:30–14:15 in Room 37
TU4 , 15:30–17:00	PSD22.8 , GMPV4.7 - Physics and dynamics of magma ascent, emplacement, eruption and deposition in volcanic systems, 16:30–17:15 in Room SM5

TU5 , 17:30–19:00	EMRP2.6/GMPV6.10/NH4.1/SM5.5/TS2.9 , Thermo-mechanical coupling and physical properties: implications to natural hazards (co-organized), in Hall A, A25–A49
	GD3.6/GMPV6.11/SM4.1/TS1.3 , The lithosphere-asthenosphere boundary (LAB) depth paradox (co-organized), in Hall XL, XL180–XL190
	GD4.1/GMPV6.16 , Mid-ocean ridge processes and their consequences: melting and melt extraction from a heterogeneous mantle (co-organized), in Hall XL, XL191–XL200 Related: PSD11.4, see TU3
	GMPV2.5 , Geochemistry-mineralogy-petrology-volcanology open session, in Hall XL, XL299–XL313
	GMPV4.7 , Physics and dynamics of magma ascent, emplacement, eruption and deposition in volcanic systems, in Hall XL, XL314–XL347 Related: PSD22.8, see TU4
	GMPV5.1 , Magma generation and differentiation: Field, analytical, experimental and numerical investigation of magmatic and volcanic systems, in Hall XL, XL348–XL377
	GMPV5.2 , How magma chambers work: recent advances in the study of granitic, alkaline and mafic-ultramafic plutonic complexes, in Hall XL, XL378–XL403
	TS6.3/GD5.2/GMPV6.1 , What is the nature of the subduction interface? Cross-disciplinary views from Geodynamics-Geochemistry-Seismology (co-organized), in Hall A, A467–A486
	TS9.5/G3.5/GD8.6/GM3.6/GMPV6.20/SM3.5 , Crustal faulting and deformation processes observed by InSAR, GPS and modelling techniques (co-organized), in Hall A, A501–A531 Related: PSD2.12, see TUL

Wednesday, 25 April

WE3 , 13:30–15:00	PSD22.7 , GMPV4.10/GM2.7 - Spatio-temporal perspectives on volcanological processes and volcanic landforms, 13:30–14:15 in Room SM1
WE4 , 15:30–17:00	GMPV5.6 , Equilibrium thermodynamics in metamorphic and magmatic petrology: state of the art, open issues and critical feedback from field and experiment, in Hall XL, XL266–XL278
	GMPV5.7/TS3.6 , Fluids in the deep Earth: Natural Observations, Experiments and Simulations of Fluid-Rock Interaction at high Pressures (co-organized), in Hall XL, XL279–XL293
	PSD11.11 , GD8.2/GMPV6.6/TS9.7 - Long-term rheological behavior of the lithosphere inferred from observations and models at laboratory and geological time and spatial scales, 15:30–16:15 in Room 35
WE5 , 17:30–19:00	BG2.8 , Remote Sensing and data assimilation in the Biogeosciences (co-sponsored by iLEAPS) (co-listed), in Poster Area BG, BG15–BG29
	EMRP2.2/GMPV6.21/SM5.6/TS3.3 , A tribute to Luigi Burlini (co-organized), in Hall A, A62–A72
	GD8.2/GMPV6.6/TS9.7 , Long-term rheological behavior of the lithosphere inferred from observations and models at laboratory and geological time and spatial scales (co-organized), in Hall XL, XL86–XL114 Related: PSD11.11, see WE4
	GMPV1.3/GD6.2 , Deep mantle mineralogy, geochemistry and geodynamics (co-sponsored by the European Mineralogical Union (EMU) and by the European Association of Geochemistry (EAG)) (including Robert Wilhelm Bunsen Medal Lecture) (co-organized), in Hall XL, XL186–XL193
	GMPV3.5 , Application of Raman spectroscopy in the Earth sciences: Recent advances, in Hall XL, XL194–XL204

	GMPV4.1 , Volcano monitoring with instrument networks: novel techniques, observations and interpretations, in Hall XL, XL205–XL249
	GMPV4.10/GM2.7 , Spatio-temporal perspectives on volcanological processes and volcanic landforms (co-organized), in Hall XL, XL250–XL265 Related: PSD22.7, see WE3
	TS3.1/EMRP2.9/GD2.8 , Deformation and strain localization from micro- to lithospheric scales (co-listed), in Hall A, A410–A429
Thursday, 26 April	
TH3 , 13:30–15:00	GMPV1.1/GD2.6 , Origin, evolution of Earth's crust and the formation of a habitable planet (co-sponsored by the European Association of Geochemistry (EAG)) (co-organized), in Hall Z, Z1–Z9
	GMPV1.2/GD5.3/TS6.6 , Subduction processes: geochemical inputs and outputs (co-sponsored by the European Association of Geochemistry (EAG)) (including AGU Kuno lecture) (co-organized), in Hall Z, Z10–Z24 Related: PSD22.4, see TUL
	PSD11.7 , GD6.1/GMPV6.13/SM4.5 - Whole mantle and transition zone structure, dynamics and evolution: multidisciplinary perspectives, 13:30–14:15 in Room 37
TH5 , 17:30–19:00	ERE5.3/GMPV6.7/HS8.2.8/SSS5.22 , Coupled Physical and Chemical Transformations Affecting the Performance of GeoSystems (co-organized), in Hall XL, XL32–XL57
	GD6.1/GMPV6.13/SM4.5 , Whole mantle and transition zone structure, dynamics and evolution: multidisciplinary perspectives (co-organized), in Hall XL, XL193–XL205 Related: PSD11.7, see TH3
	GMPV4.3 , Magmatic volatiles: from the mantle to the atmosphere, in Hall Z, Z25–Z60
	IG1/GMPV2.3/HS2.22/SSP5.1/SSS13.5/TS1.8 , Stable isotopes in geosciences - open session, including blocks of special attention (co-organized), in Hall A, A234–A252
	IG9/GMPV2.2/PS9.2 , New advances in non-traditional isotope chemistry, thermochronometry and ⁴⁰ Ar/ ³⁹ Ar dating (co-organized), in Hall A, A253–A272
	SM5.7/GMPV6.14/NH2.3 , Electromagnetic, seismic and other geophysical methods applied to volcano imaging and monitoring for hazard assessment (co-organized), in Hall A, A401–A412
	TS1.1 , Open Session: Tectonics and Structural Geology (co-listed), in Hall A, A413–A434
	TS10.2/GD3.10/GMPV6.19/SM2.10 , Geodynamics of the westernmost Mediterranean and NW Africa (co-organized), in Hall A, A455–A483
Friday, 27 April	
FR1 , 08:30–10:00	GMPV3.1 , Mineral growth and dissolution: Recent developments in the understanding of fluid-mineral processes (including Arne Richter Award for Outstanding Young Scientists Lecture), in Hall XL, XL205–XL212 Related: PSD22.1, see FR3
FR2 , 10:30–12:00	GD5.1/GMPV6.2/SM2.2/TS6.5 , Subduction dynamics from surface to deep mantle (co-organized), in Hall XL, XL53–XL92
	GMPV1.4/ERE3.5 , Elements critical to 21st century economies (co-sponsored by the Society of Economic Geologists (SEG), Society for Geology Applied to Mineral Deposits (SGA), and by the European Association of Geochemistry (EAG)) (co-organized), in Hall XL, XL188–XL204
	GMPV3.4/TS3.4 , Behavior of Earth Materials from the Micro to Nano to Macroscopic Scale (co-organized), in Hall XL, XL213–XL228

FR3 , 13:30–15:00	GMPV4.4 , Recent explosive eruptions: Conduit processes, ash dispersal and effects on aviation, in Hall XL, XL229–XL244
	TS6.2/GD5.4 , Subduction and Collision Zones of the Caribbean (co-listed), in Hall A, A475–A487
	PSD22.1 , GMPV3.1 - Mineral growth and dissolution: Recent developments in the understanding of fluid-mineral processes (including Arne Richter Award for Outstanding Young Scientists Lecture), 13:30–14:15 in Room 35
	TS1.2/GMPV4.14/PS2.10 , Volcanism and Tectonics in the Solar System (co-organized), in Hall A, A410–A414