

SM – Seismology – 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
	SM3.2 , In QUEST of seismic models for sources and Earth's structure, 08:30–12:00 in Room 26
MO2 , 10:30–12:00	SM3.2 , In QUEST of seismic models for sources and Earth's structure, 08:30–12:00 in Room 26
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
	SM1.5 , Seismology without seismometers: what can we learn from new observables?, 13:30–15:00 in Room 26
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
	SM2.0/GD2.10/NH4.10/TS8.8 , The 23 October 2011 Van Earthquake - Losses and Lessons (co-organized), 15:30–17:00 in Room 26

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
	GD4.2/SM2.8/TS5.3 , Evolution of the North and South Atlantic, adjacent continents, and passive continental margins, in general (co-organized), 08:30–12:00 in Room 30
	SM2.1/GD1.3/NH4.9/TS8.5 , Large Earthquake and Tsunami Activity (co-organized), 08:30–12:00 in Room 26
TU2 , 10:30–12:00	GD4.2/SM2.8/TS5.3 , Evolution of the North and South Atlantic, adjacent continents, and passive continental margins, in general (co-organized), 08:30–12:00 in Room 30
	SM2.1/GD1.3/NH4.9/TS8.5 , Large Earthquake and Tsunami Activity (co-organized), 08:30–12:00 in Room 26
	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
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

	<p>NH4.2/NP7.4/SM5.3/TS8.7, Fracture and earthquake physics: modeling precursory phenomena and seismic hazard also with nonlinear seismology (including Plinius Medal Lecture) (co-organized), 13:30–17:15 in Room 1</p> <p>PSD11.5, GD4.2/SM2.8/TS5.3 - Evolution of the North and South Atlantic, adjacent continents, and passive continental margins, in general, 14:30–15:15 in Room 37</p> <p>SM1.4/G6.2/GI1.6, Integrating large-scale European Research infrastructures for solid Earth Sciences: from data centers to core services (co-organized), 13:30–17:00 in Room 32</p> <p>SM3.9, Imaging the shallow subsurface with seismic and GPR methods, 13:30–15:00 in Room 26</p> <p>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</p>
TU4 , 15:30–17:00	<p>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</p> <p>NH4.2/NP7.4/SM5.3/TS8.7, Fracture and earthquake physics: modeling precursory phenomena and seismic hazard also with nonlinear seismology (including Plinius Medal Lecture) (co-organized), 13:30–17:15 in Room 1</p> <p>SM1.4/G6.2/GI1.6, Integrating large-scale European Research infrastructures for solid Earth Sciences: from data centers to core services (co-organized), 13:30–17:00 in Room 32</p> <p>SM3.4/TS9.10, Active seismic investigations of the Earth's crust (co-organized), 15:30–17:00 in Room 26</p> <p>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</p>
TU6 , 19:00–20:00	<p>PSD5.2, SM1.4/G6.2/GI1.6 - Integrating large-scale European Research infrastructures for solid Earth Sciences: from data centers to core services, 19:15–20:00 in Room 37</p> <p>PSD5.5, SM3.4/TS9.10 - Active seismic investigations of the Earth's crust, 19:00–19:45 in Room 40</p>
Wednesday, 25 April	
WE1 , 08:30–10:00	<p>SM1.3/GI1.7, Improving seismic networks performances: from site selection to data integration (co-organized), 08:30–10:00 in Room 26</p> <p>SM3.3, Seismic imaging and tomography: theory and practice, 08:30–15:00 in Room 27</p> <p>TS8.1/SM2.6, Active tectonics along continental faults (co-organized), 08:30–12:00 in Room 11</p>
WE2 , 10:30–12:00	<p>SM3.1/AS4.20, Research and Development in Nuclear Explosion Monitoring (co-organized), 10:30–15:00 in Room 26</p> <p>SM3.3, Seismic imaging and tomography: theory and practice, 08:30–15:00 in Room 27</p> <p>TS8.1/SM2.6, Active tectonics along continental faults (co-organized), 08:30–12:00 in Room 11</p>
WEL , 12:15–13:15	PSD5.7 , SM3.2 - In QUEST of seismic models for sources and Earth's structure, 12:15–13:00 in Room SM2
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

	PSD5.9 , SM1.3/GI1.7 - Improving seismic networks performances: from site selection to data integration, 14:30–15:15 in Room 40
	SM3.1/AS4.20 , Research and Development in Nuclear Explosion Monitoring (co-organized), 10:30–15:00 in Room 26
	SM3.3 , Seismic imaging and tomography: theory and practice, 08:30–15:00 in Room 27
WE4 , 15:30–17:00	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
	PSD5.10 , SM3.1/AS4.20 - Research and Development in Nuclear Explosion Monitoring, 15:30–16:15 in Room 37
	SM2.4/G3.7/NH4.8/TS8.6 , Investigating earthquake physics through source imaging and scaling studies (co-organized), 15:30–17:00 in Room 26
	TS8.2/G3.8/NH4.4/SM2.11 , Seismotectonics and crustal deformation in Africa (co-organized), 15:30–17:00 in Room 27
Thursday, 26 April	
TH1 , 08:30–10:00	ERE2.6/SM3.8 , Geophysical imaging of CO2 geological storage sites (co-organized), 08:30–10:00 in Room 19
	GD3.5/SM2.7/TS10.8 , The Circum-Arctic region: Interplays between plate motions, mantle dynamics and the evolution of basins, margins and microcontinents (co-organized), 08:30–12:00 in Room 30
	SM2.4/G3.7/NH4.8/TS8.6 , Investigating earthquake physics through source imaging and scaling studies (co-organized), 15:30–17:00 in Room 26
	TS10.4/GD5.7/SM2.9 , Structure and evolution of the greater Alpine area (co-organized), 08:30–10:00 in Room 20
TH2 , 10:30–12:00	GD3.5/SM2.7/TS10.8 , The Circum-Arctic region: Interplays between plate motions, mantle dynamics and the evolution of basins, margins and microcontinents (co-organized), 08:30–12:00 in Room 30
	SM5.4/NH4.6 , Time-dependent earthquake occurrence and seismic hazard: physics and statistics (co-organized), 10:30–17:00 in Room 26
TH3 , 13:30–15:00	GD5.1/GMPV6.2/SM2.2/TS6.5 , Subduction dynamics from surface to deep mantle (co-organized), 13:30–17:00 in Room 30
	PSD11.3 , GD3.1/GM3.7/SM4.4/TS1.6 - Plate kinematics, mantle convection, paleogeography and sea level, 14:30–15:15 in Room 35
	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
	SM1.1 , Open Session on Seismology (including Beno Gutenberg Medal Lecture), 13:30–17:00 in Room 27
	SM5.4/NH4.6 , Time-dependent earthquake occurrence and seismic hazard: physics and statistics (co-organized), 10:30–17:00 in Room 26
	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	GD5.1/GMPV6.2/SM2.2/TS6.5 , Subduction dynamics from surface to deep mantle (co-organized), 13:30–17:00 in Room 30
	SM1.1 , Open Session on Seismology (including Beno Gutenberg Medal Lecture), 13:30–17:00 in Room 27
	SM5.4/NH4.6 , Time-dependent earthquake occurrence and seismic hazard: physics and statistics (co-organized), 10:30–17:00 in Room 26
Friday, 27 April	

FR1, 08:30–10:00	GD3.1/GM3.7/SM4.4/TS1.6 , Plate kinematics, mantle convection, paleogeography and sea level (co-organized), 08:30–12:00 in Room 30
	GD7.1/EMRP1.9/SM4.6 , Earth's core dynamics: Observations and models (co-organized), 08:30–12:00 in Room 32
	SM3.10/EMRP2.10/ERE5.5 , Seismo-electromagnetic conversions: observations, theory and modelling (co-organized), 08:30–10:00 in Room 2
	SM5.2/ERE5.6 , Induced Seismicity: Theory and Observation (co-organized), 08:30–12:00 in Room 27
	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	GD3.1/GM3.7/SM4.4/TS1.6 , Plate kinematics, mantle convection, paleogeography and sea level (co-organized), 08:30–12:00 in Room 30
	GD7.1/EMRP1.9/SM4.6 , Earth's core dynamics: Observations and models (co-organized), 08:30–12:00 in Room 32
	SM5.2/ERE5.6 , Induced Seismicity: Theory and Observation (co-organized), 08:30–12:00 in Room 27
	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	PSD5.8, SM3.10/EMRP2.10/ERE5.5 - Seismo-electromagnetic conversions: observations, theory and modelling, 14:30–15:15 in Room 35
	SM5.1/NH4.7 , Anthropogenic seismicity and seismic hazard: methods, observations and modeling (co-organized), 13:30–17:00 in Room 27
FR4, 15:30–17:00	SM5.1/NH4.7 , Anthropogenic seismicity and seismic hazard: methods, observations and modeling (co-organized), 13:30–17:00 in Room 27

SM – Seismology – Poster Sessions

Monday, 23 April

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
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
	SM2.3 , A discussion of the seismic input: What is the relation between destructive earthquakes and seismic tremor?, in Hall X/Y, XY505–XY514
	SM3.2 , In QUEST of seismic models for sources and Earth's structure, in Hall X/Y, XY515–XY534 Related: PSD5.7, see WEL
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
	SM1.5 , Seismology without seismometers: what can we learn from new observables?, in Hall X/Y, XY486–XY495
	SM2.0/GD2.10/NH4.10/TS8.8 , The 23 October 2011 Van Earthquake - Losses and Lessons (co-organized), in Hall X/Y, XY496–XY504

Tuesday, 24 April

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
TU3 , 13:30–15:00	PSD11.5 , GD4.2/SM2.8/TS5.3 - Evolution of the North and South Atlantic, adjacent continents, and passive continental margins, in general, 14:30–15:15 in Room 37
TU4 , 15:30–17:00	GD4.2/SM2.8/TS5.3 , Evolution of the North and South Atlantic, adjacent continents, and passive continental margins, in general (co-organized), in Hall XL, XL201–XL216 Related: PSD11.5, see TU3
	SM2.1/GD1.3/NH4.9/TS8.5 , Large Earthquake and Tsunami Activity (co-organized), in Hall X/Y, XY467–XY485
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
	GD4.2/SM2.8/TS5.3 , Evolution of the North and South Atlantic, adjacent continents, and passive continental margins, in general (co-organized), in Hall XL, XL217–XL231 Related: PSD11.5, see TU3

	NH4.2/NP7.4/SM5.3/TS8.7 , Fracture and earthquake physics: modeling precursory phenomena and seismic hazard also with nonlinear seismology (including Plinius Medal Lecture) (co-organized), in Hall X/Y, XY250–XY265
	SM1.4/G6.2/GI1.6 , Integrating large-scale European Research infrastructures for solid Earth Sciences: from data centers to core services (co-organized), in Hall X/Y, XY450–XY466 Related: PSD5.2, see TU6
	SM3.4/TS9.10 , Active seismic investigations of the Earth's crust (co-organized), in Hall X/Y, XY486–XY504 Related: PSD5.5, see TU6
	SM3.9 , Imaging the shallow subsurface with seismic and GPR methods, in Hall X/Y, XY505–XY522
	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
TU6 , 19:00–20:00	PSD5.2 , SM1.4/G6.2/GI1.6 - Integrating large-scale European Research infrastructures for solid Earth Sciences: from data centers to core services, 19:15–20:00 in Room 37
	PSD5.5 , SM3.4/TS9.10 - Active seismic investigations of the Earth's crust, 19:00–19:45 in Room 40
Wednesday, 25 April	
WE2 , 10:30–12:00	SM1.3/GI1.7 , Improving seismic networks performances: from site selection to data integration (co-organized), in Hall XL, XL294–XL315 Related: PSD5.9, see WE3
WEL , 12:15–13:15	PSD5.7 , SM3.2 - In QUEST of seismic models for sources and Earth's structure, 12:15–13:00 in Room SM2
WE3 , 13:30–15:00	PSD5.9 , SM1.3/GI1.7 - Improving seismic networks performances: from site selection to data integration, 14:30–15:15 in Room 40
WE4 , 15:30–17:00	PSD5.10 , SM3.1/AS4.20 - Research and Development in Nuclear Explosion Monitoring, 15:30–16:15 in Room 37
	SM3.3 , Seismic imaging and tomography: theory and practice, in Hall XL, XL357–XL371
WE5 , 17:30–19:00	EMRP2.2/GMPV6.21/SM5.6/TS3.3 , A tribute to Luigi Burlini (co-organized), in Hall A, A62–A72
	SM2.4/G3.7/NH4.8/TS8.6 , Investigating earthquake physics through source imaging and scaling studies (co-organized), in Hall XL, XL317–XL338
	SM3.1/AS4.20 , Research and Development in Nuclear Explosion Monitoring (co-organized), in Hall XL, XL339–XL356 Related: PSD5.10, see WE4
	SM3.3 , Seismic imaging and tomography: theory and practice, in Hall XL, XL372–XL386
	TS8.1/SM2.6 , Active tectonics along continental faults (co-organized), in Hall A, A479–A509
	TS8.2/G3.8/NH4.4/SM2.11 , Seismotectonics and crustal deformation in Africa (co-organized), in Hall A, A510–A523
Thursday, 26 April	
TH3 , 13:30–15:00	ERE2.6/SM3.8 , Geophysical imaging of CO2 geological storage sites (co-organized), in Hall XL, XL1–XL10
	PSD11.3 , GD3.1/GM3.7/SM4.4/TS1.6 - Plate kinematics, mantle convection, paleogeography and sea level, 14:30–15:15 in Room 35
	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

TH4 , 15:30–17:00	GD3.1/GM3.7/SM4.4/TS1.6 , Plate kinematics, mantle convection, paleogeography and sea level (co-organized), in Hall XL, XL163–XL173 Related: PSD11.3, see TH3
TH5 , 17:30–19:00	GD3.1/GM3.7/SM4.4/TS1.6 , Plate kinematics, mantle convection, paleogeography and sea level (co-organized), in Hall XL, XL174–XL183 Related: PSD11.3, see TH3 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 SM5.1/NH4.7 , Anthropogenic seismicity and seismic hazard: methods, observations and modeling (co-organized), in Hall A, A345–A354 SM5.2/ERE5.6 , Induced Seismicity: Theory and Observation (co-organized), in Hall A, A355–A372 SM5.4/NH4.6 , Time-dependent earthquake occurrence and seismic hazard: physics and statistics (co-organized), in Hall A, A373–A400 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 TS10.4/GD5.7/SM2.9 , Structure and evolution of the greater Alpine area (co-organized), in Hall A, A484–A503
Friday, 27 April	
FR1 , 08:30–10:00	GD3.5/SM2.7/TS10.8 , The Circum-Arctic region: Interplays between plate motions, mantle dynamics and the evolution of basins, margins and microcontinents (co-organized), in Hall XL, XL35–XL43
FR2 , 10:30–12:00	GD3.5/SM2.7/TS10.8 , The Circum-Arctic region: Interplays between plate motions, mantle dynamics and the evolution of basins, margins and microcontinents (co-organized), in Hall XL, XL44–XL52 GD5.1/GMPV6.2/SM2.2/TS6.5 , Subduction dynamics from surface to deep mantle (co-organized), in Hall XL, XL53–XL92 SM1.1 , Open Session on Seismology (including Beno Gutenberg Medal Lecture), in Hall X/Y, XY492–XY519 SM3.10/EMRP2.10/ERE5.5 , Seismo-electromagnetic conversions: observations, theory and modelling (co-organized), in Hall X/Y, XY520–XY530 Related: PSD5.8, see FR3
FR3 , 13:30–15:00	GD7.1/EMRP1.9/SM4.6 , Earth's core dynamics: Observations and models (co-organized), in Hall XL, XL93–XL98 PSD5.8 , SM3.10/EMRP2.10/ERE5.5 - Seismo-electromagnetic conversions: observations, theory and modelling, 14:30–15:15 in Room 35