

GD – Geodynamics (#EGU15GD) – Orals**Monday, 13 April**

MO1 , 08:30–10:00	TS6.1/GD6.3/SM6.2 , Dynamics and Structure of the Mediterranean Alpine Collision and Back-arcs (co-organized), 08:30–17:00, Room B8
	GD7.1/EMRP4.19/TS8.10 , Long-term rheological behavior of the crust and mantle inferred from observations and models at laboratory and geological time and spatial scales (co-organized), 08:30–15:00, Room G8
	SM1.3/ESSI2.2/GD1.2/GI1.1/GMPV7.1/TS9.2 , Integrated Research Infrastructures and Services to users: supporting excellence in a science for society (co-organized), 08:30–12:00, Room G3
MO2 , 10:30–12:00	TS6.1/GD6.3/SM6.2 , Dynamics and Structure of the Mediterranean Alpine Collision and Back-arcs (co-organized), 08:30–17:00, Room B8
	GD7.1/EMRP4.19/TS8.10 , Long-term rheological behavior of the crust and mantle inferred from observations and models at laboratory and geological time and spatial scales (co-organized), 08:30–15:00, Room G8
	SM1.3/ESSI2.2/GD1.2/GI1.1/GMPV7.1/TS9.2 , Integrated Research Infrastructures and Services to users: supporting excellence in a science for society (co-organized), 08:30–12:00, Room G3
MO3 , 13:30–15:00	SM4.3/GD2.4/TS9.5 , Seismic imaging (co-organized), 13:30–17:00, Room G3
	TS6.1/GD6.3/SM6.2 , Dynamics and Structure of the Mediterranean Alpine Collision and Back-arcs (co-organized), 08:30–17:00, Room B8
	GD7.1/EMRP4.19/TS8.10 , Long-term rheological behavior of the crust and mantle inferred from observations and models at laboratory and geological time and spatial scales (co-organized), 08:30–15:00, Room G8
MO4 , 15:30–17:00	SM4.3/GD2.4/TS9.5 , Seismic imaging (co-organized), 13:30–17:00, Room G3
	TS6.1/GD6.3/SM6.2 , Dynamics and Structure of the Mediterranean Alpine Collision and Back-arcs (co-organized), 08:30–17:00, Room B8
	GD8.1/TS8.9 , Recent advances in Geodynamics: Computational methods and applications (co-organized), 15:30–17:00, Room G8

Tuesday, 14 April

TU1 , 08:30–10:00	SM4.3/GD2.4/TS9.5 , Seismic imaging (co-organized), 08:30–17:00, Room G3
	TS7.1/GD3.5 , Supercontinent assembly and disintegration (co-organized), 08:30–10:00, Room B8
	GD7.2/EMRP4.20/SM5.4 , Anisotropy from crust to core: Observations, models and implications (including Arne Richter Award Lecture for OYS) (co-organized), 08:30–12:00, Room G8
TU2 , 10:30–12:00	SM4.3/GD2.4/TS9.5 , Seismic imaging (co-organized), 08:30–17:00, Room G3
	TS6.2/GD5.6 , Mountains across the oceans: Caledonian, Variscan and Appalachian orogenies through time (co-organised with the GSA division on Structural Geology and Tectonics)) (co-organized), 10:30–12:00, Room B8
	GD7.2/EMRP4.20/SM5.4 , Anisotropy from crust to core: Observations, models and implications (including Arne Richter Award Lecture for OYS) (co-organized), 08:30–12:00, Room G8

TU3 , 13:30–15:00	TS8.2/EMRP4.4/GD1.2/GM1.7/GMPV7.12/PS9.10/SSS12.17 , 200 years of modelling of geological processes (including the Stephan Mueller medal lecture by Evgueni Burov) (co-organized), 13:30–17:00, Room B9
	SM4.3/GD2.4/TS9.5 , Seismic imaging (co-organized), 08:30–17:00, Room G3
	GD4.1/EMRP4.14/PS9.8 , Earth's core structure and dynamics: observations, models, experiments (co-organized), 13:30–17:25, Room G8
TU4 , 15:30–17:00	TS8.2/EMRP4.4/GD1.2/GM1.7/GMPV7.12/PS9.10/SSS12.17 , 200 years of modelling of geological processes (including the Stephan Mueller medal lecture by Evgueni Burov) (co-organized), 13:30–17:00, Room B9
	SM4.3/GD2.4/TS9.5 , Seismic imaging (co-organized), 08:30–17:00, Room G3
	GD3.3/TS7.3 , Linking plate tectonics and mantle dynamics through the records of lithospheric motions and deformation (co-organized), 15:30–17:15, Room G9
	GD4.1/EMRP4.14/PS9.8 , Earth's core structure and dynamics: observations, models, experiments (co-organized), 13:30–17:25, Room G8
	G4.1/EMRP4.12/GD8.5 , Acquisition and processing of gravity and magnetic field data and their integrative interpretation (co-organized), 15:30–17:00, Room G12
Wednesday, 15 April	
WE1 , 08:30–10:00	GD6.1/SM6.9/TS7.4 , The Arctic connection - plate tectonics and mantle dynamics in the North Atlantic, North Pacific and the High Arctic (co-organized), 08:30–12:00, Room G8
	TS8.4/ESSI1.7/G3.6/GD7.8/GMPV5.6 , Crustal deformation processes observed by InSAR, GPS and photogrammetry (co-organized), 08:30–12:00, Room B6
WE2 , 10:30–12:00	GD6.1/SM6.9/TS7.4 , The Arctic connection - plate tectonics and mantle dynamics in the North Atlantic, North Pacific and the High Arctic (co-organized), 08:30–12:00, Room G8
	TS8.4/ESSI1.7/G3.6/GD7.8/GMPV5.6 , Crustal deformation processes observed by InSAR, GPS and photogrammetry (co-organized), 08:30–12:00, Room B6
	SM1.1 , Seismic source determination and Earth structure (including Beno Gutenberg Medal Lecture), 10:30–12:00, Room G3
WE3 , 13:30–15:00	GD5.4/TS5.7 , Mantle dynamics, rifting and post-breakup evolution of passive continental margins: Geological and geophysical observations and models with emphasis on the Atlantic Ocean (co-organized), 13:30–17:15, Room G8
	G3.5/GD7.9/SM6.5/TS8.8 , Monitoring and modelling of geodynamics and crustal deformation: progress during 34 years of the WEGENER initiative (co-organized), 13:30–15:00, Room G12
WE4 , 15:30–17:00	GD5.4/TS5.7 , Mantle dynamics, rifting and post-breakup evolution of passive continental margins: Geological and geophysical observations and models with emphasis on the Atlantic Ocean (co-organized), 13:30–17:15, Room G8

Thursday, 16 April

TH1 , 08:30–10:00	GD5.2/EMRP4.18/SM6.6/TS6.11 , Observations and modeling of subduction-driven deformation in the overlying plate and related feedbacks on the subduction process (co-organized), 08:30–10:00, Room B10
	TS5.1/GD5.5/GMPV7.13 , The evolution and architecture of rifts and rifted passive margins: observations and modelling (co-organized), 08:30–17:00, Room B8
	TS1.5/GD7.5/GMPV4.6 , Fluids in crustal deformation: fluid flow, fluid-rock interactions, rheology, melting and resources (co-organized), 08:30–12:00, Room B6
TH2 , 10:30–12:00	GD2.2/GM3.5/GMPV3.4/SM6.12/TS3.9 , Geodynamics of continental crust and upper mantle, and the nature of mantle discontinuities (including Augustus Love Medal Lecture and TopoEurope contributions) (co-organized), 10:30–17:00, Room B10
	TS5.1/GD5.5/GMPV7.13 , The evolution and architecture of rifts and rifted passive margins: observations and modelling (co-organized), 08:30–17:00, Room B8
	TS1.5/GD7.5/GMPV4.6 , Fluids in crustal deformation: fluid flow, fluid-rock interactions, rheology, melting and resources (co-organized), 08:30–12:00, Room B6
THL , 12:15–13:15	ML3 , Arthur Holmes Medal Lecture by Carlo Laj, 12:15–13:15, Room Y1
TH3 , 13:30–15:00	GD2.2/GM3.5/GMPV3.4/SM6.12/TS3.9 , Geodynamics of continental crust and upper mantle, and the nature of mantle discontinuities (including Augustus Love Medal Lecture and TopoEurope contributions) (co-organized), 10:30–17:00, Room B10
	TS5.1/GD5.5/GMPV7.13 , The evolution and architecture of rifts and rifted passive margins: observations and modelling (co-organized), 08:30–17:00, Room B8
	TS1.4/ERE1.5/GMPV7.6 , Flow in Transforming Porous Media (co-organized), 13:30–17:00, Room B6
TH4 , 15:30–17:00	GD2.2/GM3.5/GMPV3.4/SM6.12/TS3.9 , Geodynamics of continental crust and upper mantle, and the nature of mantle discontinuities (including Augustus Love Medal Lecture and TopoEurope contributions) (co-organized), 10:30–17:00, Room B10
	TS5.1/GD5.5/GMPV7.13 , The evolution and architecture of rifts and rifted passive margins: observations and modelling (co-organized), 08:30–17:00, Room B8
	TS1.4/ERE1.5/GMPV7.6 , Flow in Transforming Porous Media (co-organized), 13:30–17:00, Room B6

Friday, 17 April

FR1 , 08:30–10:00	GD2.3/GMPV3.6 , Mantle roots of deep seated magmas: origin and evolution of layered mantle lithosphere in different geodynamic setting (co-organized), 08:30–10:00, Room G8
	TS1.6/EMRP4.8/GD7.4 , The brittle-ductile transition in nature, experiment and theory (co-organized), 08:30–10:00, Room B6
FR2 , 10:30–12:00	GM3.1/GD3.8/TS3.6 , Response of the Earth's surface to climate, tectonics and long-wavelength low-amplitude forcing (co-organized), 10:30–17:00, Room G11
	GD5.3/GMPV7.10/SM6.11/TS6.10 , Orogenesis and geodynamics related to the collision of large- and micro-plates (co-organized), 10:30–12:15, Room G8
FRL , 12:15–13:15	DM9 , Division Meeting for Geodynamics (GD), 12:15–13:15, Room G9
FR3 , 13:30–15:00	GM3.1/GD3.8/TS3.6 , Response of the Earth's surface to climate, tectonics and long-wavelength low-amplitude forcing (co-organized), 10:30–17:00, Room G11
	GD5.1/EMRP4.17/GMPV7.7 , Subduction dynamics from surface to deep mantle (co-organized), 13:30–17:00, Room G8
	G3.1/CL1.19/CR6.6/GD7.7/GM1.12/TS8.12 , Recent advances in the modelling and observation of glacial isostatic adjustment (co-organized), 13:30–15:00, Room G12
	TS2.2/GMPV2.5 , Deformation and metamorphism: implications for rheology and non-lithostatic pressure (co-organized), 13:30–17:00, Room B6
FR4 , 15:30–17:00	GM3.1/GD3.8/TS3.6 , Response of the Earth's surface to climate, tectonics and long-wavelength low-amplitude forcing (co-organized), 10:30–17:00, Room G11
	PS9.2/EMRP4.13/GD4.3 , Planetary magnetic fields and interior dynamics (co-organized), 15:30–17:15, Room Y5
	GD5.1/EMRP4.17/GMPV7.7 , Subduction dynamics from surface to deep mantle (co-organized), 13:30–17:00, Room G8
	TS2.2/GMPV2.5 , Deformation and metamorphism: implications for rheology and non-lithostatic pressure (co-organized), 13:30–17:00, Room B6

GD – Geodynamics (#EGU15GD) – PICO**Monday, 13 April**

MO1 , 08:30–10:00	GD2.1/GMPV7.8/SM6.10/TS9.4 , Formation and evolution of the ocean plates (co-organized), PICO Spot 2
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Tuesday, 14 April

TU4 , 15:30–17:00	PS9.1/GD3.6/GM10.2/GMPV7.11/TS9.6 , Processes in the Solar and Other Planetary Systems - Comparative Planetology (co-organized), PICO Spot 2
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Wednesday, 15 April

WE1 , 08:30–10:00	TS8.1/EMRP4.3/GD8.6/GM3.10/GMPV7.5 , Analogue and numerical modeling of tectonic processes (co-organized), PICO Spot 2
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WE2 , 10:30–12:00	TS8.1/EMRP4.3/GD8.6/GM3.10/GMPV7.5 , Analogue and numerical modeling of tectonic processes (co-organized), PICO Spot 2
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Friday, 17 April

FR2 , 10:30–12:00	GD6.2/CR2.5 , Geodynamic evolution of the polar regions and interaction with the cryosphere (co-organized), PICO Spot 1
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FR3 , 13:30–15:00	GD3.1/EMRP4.16/GMPV3.5/PS9.4/SM6.13 , Mantle dynamics in the Earth and other planetary bodies (co-organized), PICO Spot 2
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FR4 , 15:30–17:00	GD3.1/EMRP4.16/GMPV3.5/PS9.4/SM6.13 , Mantle dynamics in the Earth and other planetary bodies (co-organized), PICO Spot 2
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GD – Geodynamics (#EGU15GD) – Posters**Monday, 13 April**

MO5 , 17:30–19:00	TS6.1/GD6.3/SM6.2 , Dynamics and Structure of the Mediterranean Alpine Collision and Back-arcs (co-organized), Blue Posters, B441–B479
	GD7.1/EMRP4.19/TS8.10 , Long-term rheological behavior of the crust and mantle inferred from observations and models at laboratory and geological time and spatial scales (co-organized), Blue Posters, B224–B241
	GD8.1/TS8.9 , Recent advances in Geodynamics: Computational methods and applications (co-organized), Blue Posters, B242–B258
	TS9.1 , Open Session on Tectonics and Structural Geology (Posters only), Blue Posters, B508–B529
	SM1.3/ESSI2.2/GD1.2/GI1.1/GMPV7.1/TS9.2 , Integrated Research Infrastructures and Services to users: supporting excellence in a science for society (co-organized), Blue Posters, B344–B354

Tuesday, 14 April

TU5 , 17:30–19:00	TS8.2/EMRP4.4/GD1.2/GM1.7/GMPV7.12/PS9.10/SSS12.17 , 200 years of modelling of geological processes (including the Stephan Mueller medal lecture by Evgueni Burov) (co-organized), Blue Posters, B652–B668
	GD3.3/TS7.3 , Linking plate tectonics and mantle dynamics through the records of lithospheric motions and deformation (co-organized), Blue Posters, B389–B401
	TS7.1/GD3.5 , Supercontinent assembly and disintegration (co-organized), Blue Posters, B639–B651
	GD4.1/EMRP4.14/PS9.8 , Earth's core structure and dynamics: observations, models, experiments (co-organized), Blue Posters, B402–B416
	TS6.2/GD5.6 , Mountains across the oceans: Caledonian, Variscan and Appalachian orogenies through time (co-organised with the GSA division on Structural Geology and Tectonics)) (co-organized), Blue Posters, B593–B608
	GD7.2/EMRP4.20/SM5.4 , Anisotropy from crust to core: Observations, models and implications (including Arne Richter Award Lecture for OYS) (co-organized), Blue Posters, B421–B427
	G4.1/EMRP4.12/GD8.5 , Acquisition and processing of gravity and magnetic field data and their integrative interpretation (co-organized), Blue Posters, B319–B341

Wednesday, 15 April

WE3 , 13:30–15:00	SM4.3/GD2.4/TS9.5 , Seismic imaging (co-organized), Blue Posters, B437–B466
WE4 , 15:30–17:00	SM4.3/GD2.4/TS9.5 , Seismic imaging (co-organized), Blue Posters, B467–B494
WE5 , 17:30–19:00	GD3.2 , Lower mantle heterogeneity – linking slab and LLSVP dynamics, Blue Posters, B292–B299
	GD5.4/TS5.7 , Mantle dynamics, rifting and post-breakup evolution of passive continental margins: Geological and geophysical observations and models with emphasis on the Atlantic Ocean (co-organized), Blue Posters, B300–B315
	GD6.1/SM6.9/TS7.4 , The Arctic connection - plate tectonics and mantle dynamics in the North Atlantic, North Pacific and the High Arctic (co-organized), Blue Posters, B316–B333

	TS1.5/GD7.5/GMPV4.6 , Fluids in crustal deformation: fluid flow, fluid-rock interactions, rheology, melting and resources (co-organized), Blue Posters, B495–B513
	TS8.4/ESSI1.7/G3.6/GD7.8/GMPV5.6 , Crustal deformation processes observed by InSAR, GPS and photogrammetry (co-organized), Blue Posters, B597–B615
	G3.5/GD7.9/SM6.5/TS8.8 , Monitoring and modelling of geodynamics and crustal deformation: progress during 34 years of the WEGENER initiative (co-organized), Blue Posters, B277–B291
Thursday, 16 April	
TH3, 13:30–15:00	SM1.1 , Seismic source determination and Earth structure (including Beno Gutenberg Medal Lecture), Blue Posters, B501–B512
TH4, 15:30–17:00	SM1.1 , Seismic source determination and Earth structure (including Beno Gutenberg Medal Lecture), Blue Posters, B513–B525
TH5, 17:30–19:00	GD2.2/GM3.5/GMPV3.4/SM6.12/TS3.9 , Geodynamics of continental crust and upper mantle, and the nature of mantle discontinuities (including Augustus Love Medal Lecture and TopoEurope contributions) (co-organized), Blue Posters, B421–B443
	PS9.2/EMRP4.13/GD4.3 , Planetary magnetic fields and interior dynamics (co-organized), Red Posters, R413–R423
	GD5.3/GMPV7.10/SM6.11/TS6.10 , Orogenesis and geodynamics related to the collision of large- and micro-plates (co-organized), Blue Posters, B444–B457
	TS1.6/EMRP4.8/GD7.4 , The brittle-ductile transition in nature, experiment and theory (co-organized), Blue Posters, B593–B605
	TS2.2/GMPV2.5 , Deformation and metamorphism: implications for rheology and non-lithostatic pressure (co-organized), Blue Posters, B622–B635
	TS1.4/ERE1.5/GMPV7.6 , Flow in Transforming Porous Media (co-organized), Blue Posters, B573–B592
Friday, 17 April	
FR1, 08:30–10:00	TS5.1/GD5.5/GMPV7.13 , The evolution and architecture of rifts and rifted passive margins: observations and modelling (co-organized), Blue Posters, B377–B411
FR2, 10:30–12:00	GD2.3/GMPV3.6 , Mantle roots of deep seated magmas: origin and evolution of layered mantle lithosphere in different geodynamic setting (co-organized), Blue Posters, B225–B244
	GD5.1/EMRP4.17/GMPV7.7 , Subduction dynamics from surface to deep mantle (co-organized), Blue Posters, B245–B261
	GD5.2/EMRP4.18/SM6.6/TS6.11 , Observations and modeling of subduction-driven deformation in the overlying plate and related feedbacks on the subduction process (co-organized), Blue Posters, B262–B270
	G3.1/CL1.19/CR6.6/GD7.7/GM1.12/TS8.12 , Recent advances in the modelling and observation of glacial isostatic adjustment (co-organized), Blue Posters, B202–B211
FR5, 17:30–19:00	GM3.1/GD3.8/TS3.6 , Response of the Earth's surface to climate, tectonics and long-wavelength low-amplitude forcing (co-organized), Blue Posters, B482–B509