# G – Geodesy – Orals

| Monday, 28 April | |
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| **MO1**, 08:30–10:00 | **G1.1**, Recent Developments in Geodetic Theory, **08:30–10:00**, **Room G12** |
| **MO2**, 10:30–12:00 | **G1.2**, Mathematical methods for the analysis of potential field data and geodetic time series, **10:30–12:00**, **Room G12** |
| **MO3**, 13:30–15:00 | **G3.2**, Determination of Mass Transport and Distribution in the Earth System, **13:30–17:00**, **Room G12** |
| | **TS9.3/ESSI1.11/G6.7/GD7.8/GMPV67/NH4.11**, Crustal faulting and deformation processes observed by InSAR, GPS and photogrammetry: From observations and monitoring to numerical and physical modeling (co-organized), **13:30–17:00**, **Room B1** |
| **MO4**, 15:30–17:00 | **G3.2**, Determination of Mass Transport and Distribution in the Earth System, **13:30–17:00**, **Room G12** |
| | **TS7.5/G6.5/GD6.8/SM6.3**, Present-day kinematics and tectonics of the Mediterranean Region: Implications for geodynamics and earthquake potential (co-organized), **15:30–17:00**, **Room B10** |
| | **TS9.3/ESSI1.11/G6.7/GD7.8/GMPV67/NH4.11**, Crustal faulting and deformation processes observed by InSAR, GPS and photogrammetry: From observations and monitoring to numerical and physical modeling (co-organized), **13:30–17:00**, **Room B1** |
| **Tuesday, 29 April** | |
| **TU1**, 08:30–10:00 | **G3.1/CL2.15/CR1.7/GD8.4/GM9.7/TS4.7**, Observations and modelling of Glacial Isostatic Adjustment and related processes (co-organized), **08:30–12:00**, **Room G9** |
| | **TS7.4/G6.4/GD6.7/SM6.2**, Dynamics and Structure of the Mediterranean Alpine Collision and Back-arcs (including the Stephan Mueller Medal lecture by Claudio Faccenna) (co-organized), **08:30–17:00**, **Room B14** |
| **TU2**, 10:30–12:00 | **G3.1/CL2.15/CR1.7/GD8.4/GM9.7/TS4.7**, Observations and modelling of Glacial Isostatic Adjustment and related processes (co-organized), **08:30–12:00**, **Room G9** |
| | **GD6.3/CR1.8/SM6.7**, The Antarctic region - Lithosphere structure and geodynamic evolution (co-listed), **10:30–12:00**, **Room G7** |
| | **TS7.4/G6.4/GD6.7/SM6.2**, Dynamics and Structure of the Mediterranean Alpine Collision and Back-arcs (including the Stephan Mueller Medal lecture by Claudio Faccenna) (co-organized), **08:30–17:00**, **Room B14** |
| **TU3**, 13:30–15:00 | **G2.1**, The Global Geodetic Observing System: Past, Present, and Future, **13:30–15:00**, **Room G9** |
| | **GMPV40/G6.11/NH2.8/TS3.6**, Volcanic processes: Tectonics, Deformation, Geodesy (including Arne Richter Award for Outstanding Young Scientists Lecture) (co-organized), **13:30–17:00**, **Room G11** |
| | **TS7.4/G6.4/GD6.7/SM6.2**, Dynamics and Structure of the Mediterranean Alpine Collision and Back-arcs (including the Stephan Mueller Medal lecture by Claudio Faccenna) (co-organized), **08:30–17:00**, **Room B14** |
| **TU4**, 15:30–17:00 | **G3.3**, Earth Rotation: Theoretical aspects, observation of temporal variations and physical interpretation, **15:30–17:00**, **Room G12** |
| | **GMPV40/G6.11/NH2.8/TS3.6**, Volcanic processes: Tectonics, Deformation, Geodesy (including Arne Richter Award for Outstanding Young Scientists Lecture) (co-organized), **13:30–17:00**, **Room G11** |

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| | **TS7.4/G6.4/GD6.7/SM6.2**, Dynamics and Structure of the Mediterranean Alpine Collision and Back-arcs (including the Stephan Mueller Medal lecture by Claudio Faccenna) (co-organized), **08:30–17:00**, **Room B14** |
| **Wednesday, 30 April** | |
| **WE1**, 08:30–10:00 | **G2.2**, The International Terrestrial Reference Frame: Preparation for the next Release and its Applications, **08:30–12:00**, **Room G12** |
| | **GMPV40/G6.11/NH2.8/TS3.6**, Volcanic processes: Tectonics, Deformation, Geodesy (including Arne Richter Award for Outstanding Young Scientists Lecture) (co-organized), **08:30–10:30**, **Room G11** |
| | **TS5.3/EMRP4.5/G6.6/SM2.6**, Mechanical heterogeneity and their transient evolution along fault zones (co-organized), **08:30–12:00**, **Room B14** |
| **WE2**, 10:30–12:00 | **G2.2**, The International Terrestrial Reference Frame: Preparation for the next Release and its Applications, **08:30–12:00**, **Room G12** |
| | **PSD23.5**, GMPV40/G6.11/NH2.8/TS3.6 - Volcanic processes: Tectonics, Deformation, Geodesy (including Arne Richter Award for Outstanding Young Scientists Lecture), **10:30–11:15**, **Room R5** |
| | **TS5.3/EMRP4.5/G6.6/SM2.6**, Mechanical heterogeneity and their transient evolution along fault zones (co-organized), **08:30–12:00**, **Room B14** |
| **WE3**, 13:30–15:00 | **G1.3**, High-Precision GNSS Algorithms and Applications in Geosciences, **13:30–17:00**, **Room G12** |
| **WE4**, 15:30–17:00 | **G1.3**, High-Precision GNSS Algorithms and Applications in Geosciences, **13:30–17:00**, **Room G12** |
| **Thursday, 01 May** | |
| **TH1**, 08:30–10:00 | **G4.2**, Satellite Gravimetry: GRACE, GOCE and Future Gravity Missions, **08:30–15:00**, **Room G9** |
| **TH2**, 10:30–12:00 | **G4.2**, Satellite Gravimetry: GRACE, GOCE and Future Gravity Missions, **08:30–15:00**, **Room G9** |
| **THL**, 12:15–13:15 | **PSD7.1**, G4.1/GD8.3 - Acquisition and processing of gravity and magnetic field data and their integrative interpretation (co-organized), **12:15–13:00**, **Room R7** |
| **TH3**, 13:30–15:00 | **EMRP2.5/ESSI1.13/G6.10/GD4.3/PS1.4/ST2.5**, Swarm – the first constellation to survey the Earth's magnetic field (co-organized), **13:30–17:30**, **Room Y11** |
| | **G4.2**, Satellite Gravimetry: GRACE, GOCE and Future Gravity Missions, **08:30–15:00**, **Room G9** |
| **TH4**, 15:30–17:00 | **EMRP2.5/ESSI1.13/G6.10/GD4.3/PS1.4/ST2.5**, Swarm – the first constellation to survey the Earth's magnetic field (co-organized), **13:30–17:30**, **Room Y11** |
| | **G4.1/GD8.3**, Acquisition and processing of gravity and magnetic field data and their integrative interpretation (co-organized) (co-organized), **15:30–17:00**, **Room G9** |
| **TH6**, 19:00–20:00 | **ML14**, Vening Meinesz Medal Lecture by Reinhard Dietrich (co-listed), **19:00–20:00**, **Room G9** |

| Friday, 02 May | |
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| **FR1**, 08:30–10:00 | **G4.1/GD8.3**, Acquisition and processing of gravity and magnetic field data and their integrative interpretation (co-organized) (co-organized), **08:30–12:00**, **Room G9** |
| **FR2**, 10:30–12:00 | **G4.1/GD8.3**, Acquisition and processing of gravity and magnetic field data and their integrative interpretation (co-organized) (co-organized), **08:30–12:00**, **Room G9** |
| | **G5.2**, Atmospheric Remote Sensing with Space Geodetic Techniques, **10:30–15:00**, **Room G12** |
| **FR3**, 13:30–15:00 | **G5.2**, Atmospheric Remote Sensing with Space Geodetic Techniques, **10:30–15:00**, **Room G12** |
| **FR4**, 15:30–17:00 | **G5.1**, Ionosphere monitoring and related space weather research based on geodetic observation techniques, **15:30–17:00**, **Room G12** |

# G – Geodesy – PICOs

| Thursday, 01 May | |
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| **TH4**, 15:30–17:00 | **G6.3**, Open session on regional GNSS analysis PICO Session, **PICO Spot 1** |

# G – Geodesy – Posters

| Monday, 28 April | |
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| **MO5**, 17:30–19:00 | **G1.1**, Recent Developments in Geodetic Theory, **Blue Posters**, **B748–B768** |
| | **G1.2**, Mathematical methods for the analysis of potential field data and geodetic time series, **Blue Posters**, **B769–B783** |
| | **G3.2**, Determination of Mass Transport and Distribution in the Earth System, **Blue Posters**, **B784–B801** |
| | **G6.1**, Geodetic and Geodynamic Programmes of the Central Europe, **Blue Posters**, **B802–B811** |
| | **TS9.3/ESSI1.11/G6.7/GD7.8/GMPV67/NH4.11**, Crustal faulting and deformation processes observed by InSAR, GPS and photogrammetry: From observations and monitoring to numerical and physical modeling (co-organized), **Blue Posters**, **B542–B565** |
| **Tuesday, 29 April** | |
| **TU5**, 17:30–19:00 | **G3.1/CL2.15/CR1.7/GD8.4/GM9.7/TS4.7**, Observations and modelling of Glacial Isostatic Adjustment and related processes (co-organized), **Blue Posters**, **B792–B811** |
| | **TS7.4/G6.4/GD6.7/SM6.2**, Dynamics and Structure of the Mediterranean Alpine Collision and Back-arcs (including the Stephan Mueller Medal lecture by Claudio Faccenna) (co-organized), **Blue Posters**, **B564–B601** |
| | **TS7.5/G6.5/GD6.8/SM6.3**, Present-day kinematics and tectonics of the Mediterranean Region: Implications for geodynamics and earthquake potential (co-organized), **Blue Posters**, **B602–B626** |
| **Wednesday, 30 April** | |
| **WE2**, 10:30–12:00 | **PSD23.5**, GMPV40/G6.11/NH2.8/TS3.6 - Volcanic processes: Tectonics, Deformation, Geodesy (including Arne Richter Award for Outstanding Young Scientists Lecture), **10:30–11:15**, **Room R5** |
| **WE4**, 15:30–17:00 | **TS5.3/EMRP4.5/G6.6/SM2.6**, Mechanical heterogeneity and their transient evolution along fault zones (co-organized), **Blue Posters**, **B498–B512** |
| **WE5**, 17:30–19:00 | **G1.3**, High-Precision GNSS Algorithms and Applications in Geosciences, **Blue Posters**, **B738–B767** |
| | **G2.1**, The Global Geodetic Observing System: Past, Present, and Future, **Blue Posters**, **B768–B786** |
| | **G2.2**, The International Terrestrial Reference Frame: Preparation for the next Release and its Applications, **Blue Posters**, **B787–B804** |
| | **G3.3**, Earth Rotation: Theoretical aspects, observation of temporal variations and physical interpretation, **Blue Posters**, **B805–B821** |
| | **GD6.3/CR1.8/SM6.7**, The Antarctic region - Lithosphere structure and geodynamic evolution (co-listed), **Blue Posters**, **B708–B720** |

| Thursday, 01 May | |
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| **THL**, 12:15–13:15 | **PSD7.1**, G4.1/GD8.3 - Acquisition and processing of gravity and magnetic field data and their integrative interpretation (co-organized), **12:15–13:00**, **Room R7** |
| **TH5**, 17:30–19:00 | **EMRP2.5/ESSI1.13/G6.10/GD4.3/PS1.4/ST2.5**, Swarm – the first constellation to survey the Earth's magnetic field (co-organized), **Red Posters**, **R82–R101** |
| | **G4.1/GD8.3**, Acquisition and processing of gravity and magnetic field data and their integrative interpretation (co-organized) (co-organized), **Blue Posters**, **B684–B715** \| Related: PSD7.1, see THL |
| | **G4.2**, Satellite Gravimetry: GRACE, GOCE and Future Gravity Missions, **Blue Posters**, **B716–B748** |
| | **GMPV40/G6.11/NH2.8/TS3.6**, Volcanic processes: Tectonics, Deformation, Geodesy (including Arne Richter Award for Outstanding Young Scientists Lecture) (co-organized), **Blue Posters**, **B587–B631** \| Related: PSD23.5, see WE2 |
| **Friday, 02 May** | |
| **FR1**, 08:30–10:00 | **G5.1**, Ionosphere monitoring and related space weather research based on geodetic observation techniques, **Blue Posters**, **B869–B878** |
| | **G5.2**, Atmospheric Remote Sensing with Space Geodetic Techniques, **Blue Posters**, **B879–B895** |