

Monday Oct 5		
Registration, coffee	8:30	
Welcome by Sierd Cloetingh	9:00	
EARTH & SPACE, Chair: Nolet		
Roger Haagmans	9:20	Use of ESA satellites for understanding solid Earth
Frederik Simons	10:00	Beyond Roughness: Maximum-Likelihood Estimation of Topographic "Structure" on Earth, Venus and Elsewhere in the Solar System
Coffee	10:40	
EARTH & SPACE, Chair: Haagmans		
Lorenzo Rossi	11:10	Guangdong province crustal modelling by applying a Bayesian inversion on a GOCE-based gravity model
Olga Barantseva	11:30	Structure of the North Atlantic lithosphere based on complex analysis of gravity modelling and geological data
Guust Nolet	11:50	Seismic tomography in coastal regions by satellite
Taco Broerse	12:10	Postseismic GRACE and GPS observations indicate a rheology contrast above and below the Sumatra slab
Lunch	12:30	
TOPOGRAPHIC SIGNATURE OF THE MANTLE, Chair: Simons		
Javier Fulla	14:00	The mantle contribution to the Earth's surface topography: thermochemical structure, strength and dynamics
Pietro Sternai	14:40	Linking deep Earth and surface processes across convergent domains: from mantle flow to glacial erosion
Irina Artemieva	15:20	Density structure of the cratonic mantle: Implications for dynamic topography in southern Africa
Magdala Tesauro	15:40	Lithospheric heterogeneities of the North American continent
Carole Petit	16:00	Crustal structure and gravity anomalies beneath the Rif, northern Morocco: implications for the current tectonics of the Alboran region
Coffee & POSTERS		
Bart Root	16:20	Gravity assessment of P-wave velocity measurement in crustal and upper mantle modelling using geochemical rock relations
Ahmed Hamdi Mansi		Modelling of subduction plates from GOCE gravity gradients along the satellite orbit
Massimiliano Melchiorre		Evidence for mantle heterogeneities in the Western Mediterranean: a statistical approach applied to geochemistry
Jean-Mathieu Nocquet		Present-day uplift of the Western Alps
Maria Charco		Modelling volcano deformation accounting for mechanical heterogeneities and topographic effects: application to the 2011-2012 El Hierro eruption
Mireia Peral		The use of gravity gradients from GOCE satellite data in interpreting major crustal and lithospheric structures: application to the Iberian Peninsula
Wolfgang Szwillus		Impact of limited correction radius on long wavelength gravity anomalies.
Oğuz H. Göğüş		The role of post-orogenic thinning in the evolution Mediterranean type rift basins
Lavinia Tunini		Combining the present-day lithospheric structure of Central Eurasia with plate kinematics: study of the current deformation along the southern margin of Eurasia plate
Valerio Olivetti		Tectonic and topography evolution of the eastern flank of the French Central Massif: insight from cosmogenic erosion rates and river profiles
Zoe Candaux		Post-Eocene tectonic stages in Argolis Peninsula, Greece
Lourdes Gonzalez-Castillo		Tipper vector and magnetic anomalies in westernmost Betic Cordillera: evidences of a major deep anomalous
Sergei Medvedev		Influence of the surface processes on the petroleum systems: examples from North Sea
Walid Ben-Mansour		Characteristics of the crust in the continuum from Orogenic belt to Craton : Example of the Scandinavian mountains and the Baltic Shield
Eldar Baykiev		Forward modeling of the Fennoscandian lithospheric field using spherical prisms
WELCOME COCKTAIL		
	17:30	
Tuesday Oct 6		
HAZARDS, Chair: Larroque		
Aldo Zollo	9:00	Toward the next generation of earthquake Early Warning Systems
Hans-Peter Plag	9:40	Recognizing and Preparing for High-Impact Natural Hazards
Ali Chaieb	10:20	Mapping a seismic risk through the study of morphometric index in the Western part of Tunisia
Coffee	10:40	
HAZARDS, Chair: Plag		
Christophe Larroque	11:10	Estimate the recurrence time for strong earthquakes at the Southwestern Alps – Ligurian basin junction (Western Mediterranean): a multidisciplinary approach
Kevin Furlong	11:50	Linking Surface Observables to Subduction Seismogenic Zone Processes: Modeling Constraints
Lunch	12:30	
DYNAMICS OF OROGENESIS, Chair: Lacassin		
Jacques Malavielle	14:00	Impact of surface processes on the dynamics of orogenic wedges
Robin Lacassin	14:40	Feedbacks between tectonics, topographic evolution and climate: the case of the Andean orogen
Ivone Jiménez-Munt	15:20	The Alpine-Himalayan Belt: Atlas, Zagros and Tibet. Lithosphere structure, mantle characterization and influence of mantle dynamics on surface topography
Yann Rolland	15:40	High incision rates evidences in the SW Alps following the Last deglaciation: Relative roles of climate and tectonics
WINE & POSTERS		
Ángel Valverde	16:00	Modelling volcano deformation accounting for mechanical heterogeneities and topographic effects: application to the 2011-2012 El Hierro eruption
Dimitris Giannopoulos		Changes in shear wave splitting and VP/VS observed above small earthquakes in western Gulf of Corinth, Greece, in a time period that includes the occurrence of two moderate seismic events
Emmanuelle Homonnay		Ductile thrust tectonics during HT-MP metamorphism and anatexis evidenced in the Ceuta peninsula (Northern Rif, Spain): consequences for the Alboran domain evolution
Michela Dal Cin		Neotectonics from seismic reflection profiles in the Gulf of Trieste (North-Eastern Adriatic): structural evolution in the corner between Dinaric and Alpine chains
Mouloud Hamidou		Earthquake Hazard Assessment: methodology and example in the Constantine Region (Northeast Algeria)
Youssef Babkar		Study Tamanrasset earthquake 14th February 2013 In the context of Hoggar seismicity
Zahida Yousaf		Conceptual Model Explaining Territorial Interactions Based On Core Vulnerability Components and GIS Based Methodology To Map Territorial Vulnerability
Valentin Laurent		Tectonometamorphic record and strain localization in a fossilized subduction channel: insights from the Cycladic Blueschist Unit (Syros, Greece)
Ahmed Hosny		Crustal structure of Egypt from Egyptian National Seismic Network data
Alberto Carballo		Geophysical and petrological characterization of the lithospheric mantle in Iberia and North Africa
Ana Negro		Lithospheric structure of the Iberian Peninsula from coupled geophysical-petrological inversion
David Fernández-Blanco		Unravelling post-Messinian evolution of the Aegean with tectonic integrations
David Graindorge		Post-messinian tectonic inversion of an oligocene rifting inherited block along the Algerian margin quantified by deep penetrating multichannel and refraction seismic data
Mireia Peral		Dynamics of double-polarity subduction: application to the Western Mediterranean
Mohammed Yahia		Recent evidences of Plio-Quaternary tectonic activity in the Constantine Basin (North-East of Algeria)
Riccardo Asti		Source-to-sink history of a supra-detachment basin – an example from the Gediz Graben (W Turkey)
Vincent Roche		Geometry and thermal structure of the Menderes Massif Core Complex (Turkey), implications for thermal evolution of Hellenic subduction zone
Conference dinner	19:00	
Wednesday Oct 7		
MEDITERRANEAN, Chair: Sossons		
Andreas Fichtner	9:00	Full-waveform inversion - A critical appraisal in a Mediterranean context
Rob Govers	09:40	New seismological evidence for fragmentation of the Tethys slab beneath Anatolia
Coffee	10:20	
Manuel Martinez-Martos	10:50	Buried marine-cut terraces and submerged marine-built terraces: The Carchuna-Calahonda coastal area (southeast Iberian Peninsula)
Gino De Gelder	11:10	Improved analysis of the Corinth marine terraces based on high-resolution Pleiades-DEMs
Adrien Romagny	11:30	Vertical movements in the Rif internal zones during the Neogene deduced from structural and thermochronological data: geodynamics implication
Jesus Galindo-Zaldivar	11:50	Active extensional tectonics in central and eastern Betic Cordillera in the frame of the recent geodynamic evolution of Gibraltar Arc
Lourdes Gonzalez-Castillo	12:10	Active deformations from CGPS and tectonic data in the Western Betic Cordillera: evidences of rollback in the Gibraltar Arc
Lunch	12:30	