

## PROGRAMME GROUP SCHEDULE

### SM –SEISMOLOGY

**O: Oral Presentation (Lecture Room) / P: Poster Presentation (Poster Hall)**

**TB: 1: 8:30–10:00 / 2: 10:30–12:00 / 3: 13:30–15:00 / 4: 15:30–17:00 / 5: 17:30–19:00**

Session	Title	TB	MO	TU	WE	TH	FR
SM1	Open session on seismology (including Beno Gutenberg Medal Lecture)	1			O (4 (H))		
		2			O (4 (H))		
		3					
		4					
		5			P (A)		
SM2	Controlled and natural source seismic investigations of crust and upper mantle	1					
		2		O (26)			
		3		O (26)			
		4		O (26)			
		5		P (A)			
SM3	Techniques of near-surface seismic and georadar imaging	1					
		2					
		3					
		4	O (26)				
		5	P (A)				
SM4	Computational wave propagation	1					
		2					
		3	O (26)				
		4					
		5	P (A)				
SM5	Seismic Imaging with Coda and Noise	1	O (26)				
		2					
		3	P (A)				
		4					
		5					
SM6	Towards a European Reference Model	1					
		2					
		3			O (4 (H))		
		4					
		5			P (A)		
SM7	Testing Current Approaches to Inversion for Earth Structure and Earthquake Sources: Resolution, Robustness and Reliability	1					
		2	O (26)				
		3					
		4					
		5	P (A)				
SM10	Precambrian lithosphere: insights from geophysics, geochemistry, and geodynamics	1		O (26)			
		2					
		3					
		4					
		5		P (A)			
SM11	Earthquake Dynamics: New insights in the rupture process and seismic radiation through theory, modeling and observations	1					
		2					
		3				O (26)	
		4					
		5				P (A)	
SM12	Earthquake ruptures, paleoseismology and seismic hazard models	1					
		2					
		3					
		4				O (26)	
		5				P (A)	
SM13	Source Rupture Processes and Crustal Deformation in the Aegean and Eastern Mediterranean Region	1					
		2		P (A)			
		3					
		4					
		5		O (6 (K))			
SM15	Groundshaking scenarios, ground motion models and site effects (Conveners Fabrice Cotton and Stefano Parolai)	1					O (26)
		2					O (26)
		3					
		4					
		5					P (A)
SM16	New approaches to seismological data mining and real time seismology	1					
		2					
		3	P (A)				
		4					
		5	O (26)				

Session	Title	TB	MO	TU	WE	TH	FR
SM17	Topography of the Earth and Planets: from the deep Earth and planetary interiors to the surface	1					
		2					
		3			P (A)		
		4			O (26)		
		5			O (26)		
SM18	Palaeoseismology studies in intraplate areas and implication for seismic hazard	1					
		2					
		3					
		4					
		5					
TS10.5/ GD12/ SM19	Geodynamics, kinematics and crustal tectonics of the African/Arabian/Eurasian collision zone in the eastern Mediterranean/northern Arabian region (co-organized by GD & SM)	1					
		2					
		3			P (XY)	O (5 (I))	
		4			P (XY)	O (5 (I))	
		5				O (5 (I))	
SM21	Research and Development in Nuclear Explosion Monitoring (co-listed in AS)	1					
		2					
		3				O (26)	
		4				O (26)	
		5				P (A)	
SM22/ MPRG18 /TS3.1	Physics and Mechanics of Earthquakes and Faulting (co-organized by MPRG & TS)	1				O (26)	
		2				O (26)	
		3					
		4					
		5				P (A)	
GD02	Core, CMB and Deep Mantle (co-listed in MPRG & SM)	1					
		2					
		3					
		4					
		5					
GD04	Geophysical and Geochemical Views of the Lithosphere - Asthenosphere Interaction (co-sponsored by International Lithosphere Programme Task Force III, co-listed in SM & GMPV)	1			O (23)		
		2					
		3			P (A)		
		4			P (A)		
		5					
GD08	Modelling and Monitoring the Deformation and State of Stress of the Lithosphere (co-sponsored by the International Lithosphere Program Task Force VII, co-listed in SM & G)	1	O (23)	P (A)			
		2	O (23)	P (A)			
		3	O (23)				
		4	O (23)				
		5					
GI1	Open session on Geoscience Instrumentation (co-listed in GMPV, G, HS, MPRG, NH, OS & SM)	1					
		2					
		3	O (2)				
		4	O (2)				
		5	O (2)	P (XY)			
GI3	Instrumentation for Ocean Observatories and Early Warning Systems (co-listed in OS, NH & SM)	1					
		2					
		3		O (2)			
		4					
		5			P (XY)		
GI10	Informatics: distributed information systems - technology and applications (co-listed in AS, CL, G, CR, GD, GM, GMPV, HS, MPRG, OS, PS, ST, SM, TS, SSP, SSS & NH)	1				O (29)	
		2				O (29)	
		3				O (29)	
		4				P (XY)	
		5					
NH4.02	Electric, magnetic and electromagnetic phenomena related to earthquakes (co-listed in SM)	1					
		2					
		3			O (16 (L))	P (XY)	
		4			O (16 (L))		
		5			O (16 (L))		
NP3.06	Dynamics of Seismicity Patterns and Earthquake Triggering (co-listed in SM)	1			O (27)		
		2			O (27)		
		3					
		4		P (XY)			
		5					
NP4.05/ US8	Earthquake prediction: what can be done with the best science available? (co-organized by US) (co-listed in NH & SM)	1					
		2					
		3		P (XY)		O (4 (H))	
		4				O (4 (H))	
		5				O (4 (H))	
NH9.06	Natural Hazards' Impact on Urban Areas and Infrastructure (co-listed in SM)	1					
		2			P (XY)		
		3			O (16 (L))		
		4			O (16 (L))		
		5			O (16 (L))		