

PROGRAMME GROUP SCHEDULE

**GMPV – GEOCHEMISTRY, MINERALOGY,
PETROLOGY & VOLCANOLOGY**

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
GMPV1	Understanding physical and chemical signals from active volcanoes	1		P (A)			
		2		P (O)			
		3		O (21 (O))			
		4		O (21 (O))			
		5					
GMPV2	New monitoring techniques applied to active volcanoes	1				O (21 (O))	
		2				O (21 (O))	
		3					P (A)
		4					P (A)
		5					P (A)
GMPV3	Phase changes, magma properties, and magmatic and eruptive processes	1		O (21 (O))			
		2		O (21 (O))			
		3	P (A)				
		4	P (A)				
		5	P (A)				
GMPV4	Deterministic and probabilistic prediction of volcanic scenarios	1					
		2					
		3					
		4					
		5					
GMPV5	Advances in the knowledge of the magmatic and eruptive history of European active volcanoes	1					
		2					
		3		P (A)			
		4		P (A)			
		5		O (21 (O))			
GMPV6	Volcano-Tectonics (Co-listed in TS)	1	P (A)				
		2	P (O)				
		3	O (21 (O))				
		4	O (21 (O))				
		5	O (21 (O))				
GMPV7	Explosive activity at basaltic volcanoes	1			P (A)		
		2			P (A)		
		3			P (O)		
		4			O (21 (O))		
		5			O (21 (O))		
GMPV8	Volcanic and non-volcanic Earth degassing	1				P (A)	
		2				P (O)	
		3					O (21 (O))
		4					O (21 (O))
		5					
GMPV9	Magmatic differentiation: current ideas and future developments (including Robert Wilhelm Bunsen Medal Lecture)	1			O (21 (O))		
		2			O (21 (O))		
		3			O (21 (O))		
		4			P (A)		
		5			P (A)		
GMPV 10	Precipitation and Dissolution of Carbonates	1					O (21 (O))
		2					
		3					P (A)
		4					P (A)
		5					P (O)
GMPV 11	CO ₂ Geological Sequestration: bio-mechano-geochemical processes from the pore-scale to the reservoir-scale	1					
		2					O (21 (O))
		3					
		4					
		5					P (A)
GMPV 12	The mantle perspective: compositional and rheological constraints on lithosphere evolution	1					
		2					
		3					P (A)
		4					P (A)
		5					O (21 (O))
GMPV 13	Upper mantle dynamics and Quaternary climate in cratonic areas	1					
		2					
		3					
		4					
		5					

Session	Title	TB	MO	TU	WE	TH	FR	
GMPV14	Behavior of substance at extreme conditions in nature and laboratory	1					P (A)	
		2					P ()	
		3						O (21 (O))
		4						
		5						
GMPV15	Metamorphic and magmatic consequences of ultra-deep subduction	1					P (A)	
		2					P (A)	
		3						P ()
		4						O (21 (O))
		5						O (21 (O))
TS8.4/ GD06.1/ GMPV16	Structure and Dynamics of Mid-Ocean Ridges (co-organized by GD & GMPV)	1						
		2			O (3)			
		3		P (XY)	O (3)			
		4		P (XY)				
		5						
TS8.5/ GD06.2/ GMPV17	Tracing hydrothermal circulation at Mid-ocean ridges using geochemistry, geophysics and modelling	1						
		2						
		3		P (XY)	O (3)			
		4		P ()	O (3)			
		5						
GMPV18	The Role of Accessory Minerals in Metamorphic and Igneous Processes	1		O (20 (N))				
		2		O (20 (N))				
		3			P (A)			
		4			P (A)			
		5			P ()			
GMPV19	Subduction vs intraplate lithospheric mantle: agents and processes	1	O (21 (O))					
		2	O (21 (O))					
		3		P (A)				
		4		P (A)				
		5		P (A)				
GMPV20/ BG5.10	Mineral properties and behaviour: the European Mineral Sciences Initiative (EuroMinSci) open session (including the EMU Research Excellence Medal Lecture) (co-organized by BG) (co-listed in CR, NP, SSP)	1		P (A)				
		2		P ()				
		3			O (20 (N))			
		4			O (20 (N))			
		5						
NH5.01	Volcanic Hazards: pre-eruptive warnings, quantification of hazards and mitigation of risk (co-listed in GMPV)	1					O (16 (L))	
		2					O (16 (L))	
		3						P (XY)
		4						
		5						
GD01	Geodynamics and Geochemistry of the Early Earth (co-listed in TS & GMPV)	1				P (A)		
		2				P ()		
		3						
		4				O (23)		
		5				O (23)		
GD09	Ice-Mass Fluctuations and the Dynamical Responses of the Solid Earth (co-organized by G)	1						
		2			O (23)			
		3					P (A)	
		4					P ()	
		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						
SSS1	Mineralogical and geochemical records of weathering and pedoplasmation: from spatial to temporal scales (co-listed in GMPV)	1			O (33)			
		2						
		3						
		4						
		5				P (A)		
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)			
GI9	Down hole Instrumentation: Technology and Applications (co-listed in GM, GMPV, PS, SSP & SSS)	1						
		2		O (2)				
		3						
		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						

Session	Title	TB	MO	TU	WE	TH	FR	
NP3.07	Scale, Scaling, and nonlinearity in Solid Earth (co-listed in GMPV, NH, SSS & TS)	1						
		2						
		3				O (27)		
		4			P (XY)	O (27)		
		5						