

EGU 2008 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

Division Business Meeting: Th, 12:15–13:15, Room 22

Session	Title	TB	MO	TU	WE	TH	FR
GMPV 01	Chemistry of Earths Mantle and Core: Experimental and Theoretical Approaches (including Outstanding Young Scientist Award Lecture)	1				O (7)	
		2				O (7)	
		3				P (A)	
		4				P (A)	
		5					
GMPV 02	Fluids in mantle and deep crust: physico-chemical and geomechanical perspective	1					P (A)
		2					P (A)
		3				O (7)	
		4					
		5					
GMPV 03	Water in solids of the Earth's crust and mantle: from the storage capacities to its influence on physical properties (co-sponsored by EAG)	1					P (A)
		2					P (A)
		3					
		4					
		5				O (19)	
IS71 - GMPV 05/ GD6/ GD7	Mid-ocean ridges: interaction of structure, geodynamics, magmatism and hydrothermal circulation	1	O (19)				
		2	O (19)				
		3	O (19)				
		4	P (A)				
		5	P (A)				
GMPV 06	Island arc magmatism: from source input to volcanic output (co-sponsored by EAG)	1					P (A)
		2					P (A)
		3					
		4				O (7)	
		5					
GMPV 07	Metamorphic and magmatic trends in subduction/collision zones	1					O (22)
		2					O (22)
		3					P (A)
		4					
		5					
GMPV 08	Controls on metamorphic processes	1					P (A)
		2					P (A)
		3					O (22)
		4					O (22)
		5					
GMPV 10	Source controls on granitoid geochemistry - evidences and mechanisms	1					
		2					
		3	P (A)				
		4					
		5					
GMPV 11	The multi-functional roles of accessory minerals in metamorphic and igneous processes	1					
		2					P (A)
		3					
		4				O (19)	
		5					
GMPV 12	Redox signature of minerals, melts and glasses: analysis, experiments and models	1					P (A)
		2					P (A)
		3				O (19)	
		4					
		5					
GMPV 13	Phase transitions in mineralogical systems: from theory to experimental and natural observations	1					
		2					
		3					P (A)
		4					P (A)
		5					O (22)
GMPV 15	Combined analysis of micro- nano-structures and chemistry of geomaterials: advanced imaging and microanalysis	1					P (A)
		2				O (19)	
		3					
		4					
		5					
GMPV 16	Emplacement of magma pulses and growth of magma bodies	1	O (22)				
		2	O (22)				
		3	P (A)				
		4	P (A)				
		5					

Session	Title	TB	MO	TU	WE	TH	FR
GMPV 17	Magmatic differentiation: theory, experiments, and examples	1	P (A)				
		2	P (A)				
		3	O (22)				
		4	O (22)				
		5					
GMPV 18	Melt inclusion as a tool for studying magma genesis: Advantages and limitations	1					
		2					
		3					
		4	P (A)				
		5	O (22)				
GMPV 19	Volatiles and bubbles in magmas	1		O (22)			
		2					
		3		P (A)			
		4					
		5					
GMPV 20	Volcanic and non-volcanic Earth degassing	1					
		2		O (22)			
		3		P (A)			
		4					
		5					
GMPV 21	Understanding Physical and Chemical Signals at Active Volcanoes	1		P (A)			
		2		P (A)			
		3		O (22)			
		4		O (22)			
		5		O (22)			
GMPV 22	Dynamics of pre-eruptive and eruptive processes (including Robert Wilhelm Bunsen Medal Lecture)	1			P (A)		
		2					
		3			O (22)		
		4			O (22)		
		5			O (22)		
GMPV 23	Explosive activity at basaltic volcanoes	1					
		2					
		3					
		4			P (A)		
		5			O (22)		
GMPV 24	New monitoring techniques applied to active volcanoes	1			O (22)		
		2			O (22)		
		3			P (A)		
		4			P (A)		
		5					
GMPV 25	Volcano flank instability	1				O (22)	P (A)
		2				O (22)	P (A)
		3					
		4					
		5					
GMPV 27	Large igneous provinces and their impact on life and environment	1					P (A)
		2					
		3					
		4					
		5				O (7)	
IS72 - ERE8/ GMPV 28	Advances in CO2 storage in geological systems (co-organized by ERE & GMPV)	1				O (14)	
		2				O (14)	
		3				P (XY)	
		4					
		5					
GMPV 29	Dissolution and Precipitation of carbonates	1				O (19)	
		2					
		3				P (A)	
		4				P (A)	
		5					
GMPV 31	Advances in stable isotope geochemistry applied to magmatic and metamorphic systems (co-listed in IG)	1					O (19)
		2					
		3					P (A)
		4					
		5					
GMPV 33	Noble gas isotope geochemistry: 25 years on from Ozima and Podosek (co-sponsored by EAG, co-listed in IG)	1					O (19)
		2					
		3					P (A)
		4					
		5					
GMPV 34	Ore deposit geochemistry and the magmatic to hydrothermal transition	1					
		2					P (A)
		3					O (19)
		4					
		5					

Session	Title	TB	MO	TU	WE	TH	FR
GMPV 35	Chemical weathering: processes and rates (co-sponsored by EAG)	1					P (A)
		2					P (A)
		3					
		4					O (19)
		5					
GMPV 36	Organic and inorganic mineral surface processes	1					
		2					
		3					
		4					P (A)
		5					O (19)
IS47 - OS20/ BG1.6/ CL46/ GMPV 38/ TS22	EuroFORUM 2008 - European Collaboration for Implementation of Marine Research on Cores (EuroMARC) (co-organized by OS, BG, CL, GMPV & TS)	1					
		2					P (XY)
		3					O (4)
		4					
		5					
IS59 - SSP28/ CL50/ GMPV 39/ TS21	EuroFORUM 2008: Achievements and perspectives in ocean and continental drilling (co-organised by SSP, CL, GMPV & TS; co-listed in OS)	1					
		2					
		3				O (3)	
		4				O (3)	
		5				P (XY)	
NH3.1	Volcanic Hazard Assessment and Risk Quantification (co-listed in GMPV)	1					O (28)
		2					P (XY)
		3					
		4					
		5					
IS74 - OS18/ SM21	Submarine volcano observation and monitoring (co-organized by OS & SM; co-listed in GMPV)	1					
		2					
		3					
		4	P (XY)				
		5	O (3)				
GI10	Down hole Instrumentation: Technology and Applications (co-listed in GM, GMPV, PS, SSP & SSS)	1					
		2					
		3					
		4					
		5	O (14)		P (XY)		
IS9 - G14/ CL52/ GD24/ GMPV 41	Upper Mantle and Lithosphere Dynamics, Glacial Isostatic Adjustment and Quaternary Climate (co-organized by G, CL, GD & GMPV)	1					O (6)
		2					
		3					
		4					
		5				P (XY)	
IS19 - GMPV 26/ TS10	Volcano tectonics (co-organized by GMPV & TS)	1					P (A)
		2					
		3				O (22)	
		4				O (22)	
		5					
IS20 - GMPV 40/ GD29/ SM19/ TS18	Plume-like instabilities in the mantle - hotspots, wetspots or displaced material from the transition zone? (co-organized by GMPV, GD, SM, & TS; co-sponsored by EAG & ILP)	1					
		2					P (A)
		3					
		4					
		5				O (22)	
IS45 - OS16/ SM22	Seismic Oceanography: Contributions of Seismic Imaging to Physical Oceanography (co-organized by OS & SM; co-listed in GMPV)	1					
		2					P (XY)
		3					O (D)
		4					
		5					
IG3	New analytical methods and experimental approach in isotope geochemistry (co-listed in GMPV, co-sponsored by EAG)	1					
		2					
		3	O (35)				
		4	O (35)				
		5	P (A)				
NP3.07	Scale, Scaling, and Nonlinearity in the Earth's Surface, Soil and Solid Earth (co-listed in GMPV, SSS & TS)	1					
		2					
		3		P (A)			
		4	O (27)				
		5	O (27)				

Session	Title	TB	MO	TU	WE	TH	FR
IS4 - BG7.2/S SP34	The Early Earth: inside, out and alive (co-sponsored by the ESF research network Archean Environment" & EAG; co-organized by BG & SSP; co-listed in GD, GMPV, MPRG & TS)	1	O (20)				
		2	O (20)				
		3	O (20)				
		4	P (BG)				
		5					
SM8	The nature and origin of the lithospheric-sublithospheric upper mantle from geophysical and petrological modelling (co-listed in GD & GMPV)	1				O (35)	
		2				O (35)	
		3					
		4					
		5				P (A)	