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	Chemistry of Earths Mantle and Core: Experimental	1				O (7)	
01	and Theoretical Approaches (including Outstanding	2				O (7)	
01	11 0 0	3				P (A)	
	Young Scientist Award Lecture)	4				P (A)	
C) (D)		5					P (A)
GMPV	Fluids in mantle and deep crust: physico-chemical	2					P (A)
02	and geomechanical perspective	3				O (7)	1 (11)
		4				- (I)	
		5					
GMPV	Water in solids of the Earth's crust and mantle:	1					P (A)
		2					P (A)
03	from the storage capacities to its influence on	3					
	physical properties (co-sponsored by EAG)	4					
		5	0.440			O (19)	
IS71 -	Mid-ocean ridges: interaction of structure,	1	O (19)				
GMPV	geodynamics, magmatism and hydrothermal	2 3	O (19) O (19)				
05/	circulation	4	P (A)				
	circulation	5	P (A)				
GD6/		5	1 (11)				
GD7							
GMPV	Island are magmatism: from source input to	1					P (A)
	Island arc magmatism: from source input to	2					P (A)
06	volcanic output (co-sponsored by EAG)	3					
		4				O (7)	
		5					
GMPV	Metamorphic and magmatic trends in	1					O (22)
07	subduction/collision zones	2					O (22)
07	subduction/comston zones	3					P (A)
		4					
							D (A)
GMPV	Controls on metamorphic processes	1 2					P (A) P (A)
08		3					O (22)
		4					O (22)
		5					~ (/
GMPV	Source controls on granitoid geochemistry -	1					
		2					
10	evidences and mechanisms	3	P (A)				
		4					
		5					
GMPV	The multi-functional roles of accessory minerals in	1					D (1)
11	metamorphic and igneous processes	2					P (A)
••	incominicipante and igneedes processes	3 4				O (19)	
		5				0(19)	
GMPV	Deden simultane of minerals, malte and slavers	1					P (A)
	Redox signature of minerals, melts and glasses:	2					P (A)
12	analysis, experiments and models	3				O (19)	
		4					
		5					
GMPV	Phase transitions in mineralogical systems: from	1					
13	theory to experimental and natural observations	2					D (1)
15	along to experimental and natural observations	3					P (A)
		4	ļ				P (A)
		5			1		O (22) P (A)
GMPV 15	Combined analysis of micro- nano-structures and	2				O (19)	r (A)
	chemistry of geomaterials: advanced imaging and	3			1	5 (17)	-
	microanalysis	4			l		
	morounuryou	5		1		1	1
GMPV	Emplacement of magma pulses and growth of	1	O (22)				
		2	O (22)				
16	magma bodies	3	P (A)				
		4	P (A)				
		5		1	1	1	1

Session	Title	TB	MO	TU	WE	TH	FR
GMPV	Magmatic differentiation: theory, experiments, and	1	P (A)				
17	• • •	2	P (A)				
	examples	3	O (22)				
		4 5	O (22)				
C) (D) (5					
GMPV	Melt inclusion as a tool for studying magma genesis:	2					
18	Advantages and limitations	3					
		4	P (A)				
		5	O (22)				
GMPV	Volatiles and bubbles in magmas	1		O (22)			
19		2		D (1)			
17		3		P (A)	-	1	-
		5					
GMPV	Volcanic and non-volcanic Earth degassing	1					
	voicance and non-voicance Earth degassing	2		O (22)			
20		3		P (A)			
		4					
		5		D (4)			
GMPV	Understanding Physical and Chemical Signals at	1 2		P (A) P (A)			
21	Active Volcanoes	3		P (A) O (22)			
		4		O (22)			
		5		O (22)			
GMPV	Dynamics of pre-eruptive and eruptive processes	1			P (A)		
	C 1 C D 1 (Will 1 D M 11L (2					
22	(including Robert Wilhelm Bunsen Medal Lecture)	3			O (22)		
		4			O (22)		
		5					
GMPV	Explosive activity at basaltic volcanoes	1					
23		2 3					
		4			P (A)		
		5			O (22)		
GMPV	New monitoring techniques applied to active	1			O (22)		
	• • •	2			O (22)		
24	volcanoes	3			P (A)		
		4			P (A)		
		5				O (22)	P (A)
GMPV	Volcano flank instability	2				O (22)	P (A)
25		3				0 (22)	1 (11)
		4					
		5					
GMPV	Large igneous provinces and their impact on life and	1					P (A)
27	environment	2					
21	environment	3 4					
		5				O (7)	
1070	A durante in CO2 stantas in analysical sustains	1				O (14)	
IS72 -	Advances in CO2 storage in geological systems	2				O (14)	
ERE8/	(co-organized by ERE & GMPV)	3				P(XY)	
GMPV		4					
28		5					
GMPV	Dissolution and Precipitation of carbonates	1				O (19)	<u> </u>
	Dissolution and Frecipitation of carbonates	2					
29		3				P (A)	
		4				P (A)	
		5					0.(10)
GMPV	Advances in stable isotope geochemistry applied to	1 2					O (19)
31	magmatic and metamorphic systems	3				+	P (A)
	(co-listed in IG)	4					1 (A)
		5	1	1	1	1	<u> </u>
GMPV	Noble gas isotope geochemistry: 25 years on from Ozima and Podosek (co-sponsored by EAG, co-listed in IG)	1					
		2					O (19)
33		3		L	ļ		P (A)
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GMPV	Ore deposit geochemistry and the magmatic to	1		1	1	1	P (A)
		2					
GMP V 34	hydrothermal transition	2 3					
		2 3 4					O (19)

GMPV (co-sponsored by EAG) 1 0 PLO (a) 35 (co-sponsored by EAG) 1 0 0.09 36 3 0 0 0.09 36 1 0 0 0.09 36 1 0 0 0 36 1 0 0 0 36 1 0 0 0 0 36 1 0 0 0 0 0 1847 - EuroFORUM 2008 - European Collaboration for (FaroMARC) 1 0 <t< th=""><th>Session</th><th>Title</th><th>TB</th><th>MO</th><th>TU</th><th>WE</th><th>ТН</th><th>FR</th></t<>	Session	Title	TB	MO	TU	WE	ТН	FR
35 (co-sponsored by EAG) 1 0 0 GMPV Organic and inorganic mineral surface processes 2 0 0 36 1 0 0 0 0 37 EuroPORUM 2008 - European Collaboration for Implementation of Marine Research on Cores 1 0 0 381 0 0 0 0 0 0 381 0 0 0 0 0 0 0 1501 (co-organized by OS, BG, CL, GMPV & TS) 3 0 <	GMPV		-					
GMPV 36 Organic and inorganic mineral surface processes 5 Image: Construct of the second of the	35	(co-sponsored by EAG)	3					r (A)
GMPV Organic and inorganic mineral surface processes 1 Image: Constraint of the second of the se								O (19)
36 1 1 1 1 1 1547 - 0S20 EuroFORUM 2008 - European Collaboration for Implementation of Marine Research on Cores 1 1 1 000 161.6/ C1.66/ (co-organized by OS, BG, CL, GMPV & TS) 1 1 0 0 0 38 1 0 <td>GMPV</td> <td>Organic and inorganic mineral surface processes</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td>	GMPV	Organic and inorganic mineral surface processes	1					
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1547- Differentiation of Marine Research on Cores 1	10.47							O (19)
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TS22 Image: Constraint of the section of		(
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SSP28/ CL50/ (co-organised by SSP, CL, GMPV & TS; (co-listed in OS) 2 - - - - - - - - - - - - - - - - - - -	TS22							
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$ \begin{array}{c c} \mathrm{GMPV} \\ 39/\\ 39/\\ \mathrm{S21} \\ \hline \\ \mathrm{NH3.1} \\ \mathrm{Volcanic Hazard Assessment and Risk \\ Quantification (co-listed in GMPV) \\ \hline \\ \mathrm{S12} \\ \hline \\ \mathrm{S12} \\ \hline \\ \mathrm{S12} \\ \mathrm{S12} \\ \hline \\ \mathrm{S12} \\ $			-					
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NH3.1 Quantification (co-listed in GMPV)10.028 2IS74- Submarine volcano observation and monitoring (co-organized by OS & SM; co-listed in GMPV)1-S18/ SM21(co-organized by OS & SM; co-listed in GMPV)1-GI10 Applications (co-listed in GM, GMPV, PS, SSP & SSS)1-GI10 G114Down hole Instrumentation: Technology and Applications (co-listed in GM, GMPV, PS, SSP & SSS)1-IS9 - GD24/ GMPV 41Upper Mantle and Lithosphere Dynamics, Glacial 11IS19 - GD24/ GMPV 41Volcano tectonics (co-organized by GMPV & TS)1IS19 - GMPV 26/ GMPV 40/ Co-rganized by GMPV, GD, SM, & TS; co-sponsored by EAG & ILP)1IS20 - GMPV 40/ Cone? (co-organized by GMPV, GD, SM, & TS; co-sponsored by EAG & ILP)1IS45 - OS16/ SM16/ Co-listed in GMPV, co-sponsored by EAG & ILP)1IS45 - OS16/ SM16/ Co-listed in GMPV, co-sponsored by EAG & ILP)1IS45 - OS16/ SM16/ Co-listed in GMPV, co-sponsored by EAG & ILP)1IS45 - OS16/ SU20, Co-listed in GMPV, co-sponsored by EAG)1IG3 New analytical methods and experimental approach in isotope geochemistry (co-listed in GMPV, co-sponsored by EAG)1IG3 New analytical methods and experimental approach in isotope geochemistry (co-listed in GMPV, co-sponsored by EAG)1IG3<								
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$ \begin{array}{c c} OS18'\\ SM21 \\ \hline \\ \\ \\ SM21 \\ \hline \\ \\ SM21 \\ \hline \\ \\ \\ \\ SM21 \\ \hline \\ \\ \\ \\ SM21 \\ \hline \\ \\ \\ \\ \\ \\ SM21 \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $								
GI10Down hole Instrumentation: Technology and Applications (co-listed in GM, GMPV, PS, SSP & SSS) $\frac{1}{2}$ $-$ IS9 - G14/Upper Mantle and Lithosphere Dynamics, Glacial Isostatic Adjustment and Quaternary Climate (co-organized by G, CL, GD & GMPV) $\frac{1}{2}$ $ -$ IS9 - GD24/(co-organized by G, CL, GD & GMPV) $\frac{1}{2}$ $ -$ S19 - GMPVVolcano tectonics (co-organized by GMPV & TS) $\frac{1}{2}$ $ -$ S19 - GMPVVolcano tectonics (co-organized by GMPV & TS) $\frac{1}{2}$ $ -$ S20 - GMPVPlume-like instabilities in the mantle - hotspots, co-sponsored by EAG & ILP) 1 $ -$ S184 $ -$ G129/ (co-organized by GMPV, GD, SM, & TS; co-sponsored by EAG & ILP) $\frac{1}{2}$ $ -$ S185 - S016/Seismic Oceanography isotope geochemistry (co-listed in GMPV, co-sponsored by EAG) $\frac{1}{2}$ $ -$ IG3 New analytical methods and experimental approach in isotope geochemistry (co-listed in GMPV, co-sponsored by EAG) $\frac{1}{2}$ $ -$ IG3 Surface, Soil and Solid Earth (co-listed in GMPV, SS & TS) $\frac{1}{4}$ $ -$ IG3 Surface, Soil and Solid Earth (co-listed in GMPV, SS & TS) $\frac{1}{4}$ $ -$ IG3 Surface, Soil and Solid Earth (co-listed in GMPV, SS & TS) $\frac{1}{4}$ $ -$ IG3 Surface, Soi		(co-organized by OS & SM; co-listed in GMPV)	3					
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Applications (co-listed in GM, GMPV, PS, SSP & SSS) 2 3 4 $-$ IS9 - G14/ (14/ CL.52/ (co-organized by G, CL, GD & GMPV)1 2 $ -$ (co-organized by G, CL, GD & GMPV) 4 $ 5$ $ 6D24/$ (GMPV $ 6D24/$ (GMPV $ 6D24/$ (GMPV $ 6MPV$ 26/ $ 11$ $ 1519$ - $26/$ $ 26/$ $26/$ $ 1519$ - $26/$ $ 1520$ - $26/$ $ 26/$ $26/$ $ 1520$ - $26/$ $ 1520$ - $27/$ $ 1545$ - $2616/$ $ -$	GI10	Down hole Instrumentation: Technology and	1					
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G14/ CL.52/ GD24/ GMPVIsostatic Adjustment and Quaternary Climate (co-organized by G, CL, GD & GMPV) 2 3 $-$ GMPV 41 5 $P(XY)$ 7 9 $P(XY)$ GMPV 41 1 $ -$ S19 - GMPV 26/Volcano tectonics (co-organized by GMPV & TS) $26/$ 1 $ -$ S10 $ 0(22)$ $ -$ S10 $ -$ S10 $ -$ S20 - GMPV 26/Plume-like instabilities in the mantle - hotspots, wetspots or displaced material from the transition zone? $ -$ GD29/ SM19/ S18Co-organized by GMPV, GD, SM, & TS; co-sponsored by EAG & ILP) $ -$ S45 - Seismic Oceanography SM22Seismic Oceanography (co-organized by OS & SM; co-listed in GMPV) $ -$ IG3New analytical methods and experimental approach in isotope geochemistry (co-listed in GMPV, co-sponsored by EAG) $ -$ IG3New analytical methods and experimental approach in isotope geochemistry (co-listed in GMPV, co-sponsored by EAG) $ -$ NP3.07Scale, Scaling, and Nonlinearity in the Earth's Surface, Soil and Soil Earth (co-listed in GMPV, SSS & TS) $ -$	159 -	Upper Mantle and Lithosphere Dynamics, Glacial		O (14)		P(XY)		O (6)
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134.5 - Seismic Oceanography. Controlutions of Seismic OS16/ Imaging to Physical Oceanography 3 0(D) SM22 (co-organized by OS & SM; co-listed in GMPV) 4 0(D) IG3 New analytical methods and experimental approach in isotope geochemistry 1 1 (co-listed in GMPV, co-sponsored by EAG) 4 0(35) 1 NP3.07 Scale, Scaling, and Nonlinearity in the Earth's Surface, Soil and Solid Earth (co-listed in GMPV, SSS & TS) 1 1	TS18	-						
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IG3New analytical methods and experimental approach in isotope geochemistry (co-listed in GMPV, co-sponsored by EAG)130 (35)40 (35)5P (A)NP3.07Scale, Scaling, and Nonlinearity in the Earth's Surface, Soil and Solid Earth (co-listed in GMPV, SSS & TS)13P (A)	SM22	(co-organized by OS & SM; co-listed in GMPV)						
in isotope geochemistry (co-listed in GMPV, co-sponsored by EAG)2-NP3.07Scale, Scaling, and Nonlinearity in the Earth's Surface, Soil and Solid Earth (co-listed in GMPV, SSS & TS)1-3O (35)4O (35)5P (A)23P (A)-	IG3	New analytical methods and experimental approach	1					
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Session	Title	TB	MO	TU	WE	ТН	FR
IS4 - BG7.2/S	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 2	O (20) O (20)				
SP34		3 4 5	O (20) P (BG)				
SM8	The nature and origin of the lithospheric- sublithospheric upper mantle from geophysical and petrological modelling (co-listed in GD & GMPV)	1 2 3 4				O (35) O (35)	
		5				P (A)	