EGU 2009 Programme Group Schedule

AS – Atmospheric Sciences

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: Thursday, 12:15–13:15, Room 10

Session	Title	TB	MO	TU	WE	TH	FR
AS0	Open Session on the Lower, Middle, and Upper Atmosphere	1					
		2					
		3					
		4					
		5	O (14)	P (XY)			
AS1.1	Dynamical Meteorology (General Session)	1			O (10)		
		2			O (10)		
		3					
		4					
		5				P (XY)	
AS1.2	Numerical Weather Prediction and Data Assimilation (General Session)	1					
		2					
		3			O (10)		
		4			O (10)		
		5				P (XY)	
AS1.3	Precipitation: Measurement, Climatology, Remote Sensing, and Modeling (General Session)	1					O (10)
		2				O (10)	O (10)
		3				O (10)	O (10)
		4				O (10)	P (XY)
		5				O (10)	P (XY)
AS1.4	Clouds, Aerosols and Radiation (General Session)	1	O (10)				
		2	O (10)				
		3	O (10)				
		4					
		5	P (XY)				
AS1.5	Aerosols-clouds-precipitation-climate	1		O (10)			
		2					
		3					
		4					
		5		P (XY)			
AS1.6	Remote Sensing of Clouds and Aerosols: Techniques and Applications	1					
		2		O (10)			
		3		O (10)			
		4		O (10)			
		5		P (XY)			
AS1.7	Joint Session of the MLT and the CAWSES programme	1					
		2					
		3					
		4					
		5			P (XY)	O (14)	
AS1.8	Middle Atmosphere Dynamics - Coupling Processes, Trends and Impact on Validation Measurements	1					
		2					
		3					
		4					
		5		P (XY)	O (12)		
AS1.9	Variability and Predictability of the Coupled Stratosphere-Troposphere system	1					
		2					
		3					
		4	O (10)				
		5		P (XY)			
AS1.10	Structure and Composition of the Global Tropopause Region	1					
		2					
		3					
		4					
		5	O (10)	P (XY)			
OS14/ AS1.11	Gravity Waves	1					
		2	O (3)				
		3	O (3)				
		4	O (3)				
		5	P (XY)				
AS1.12	Dynamics and chemistry of atmospheric convection	1					
		2					
		3					
		4					
		5		P (XY)	O (10)		

Session	Title	TB	MO	TU	WE	TH	FR
AS1.13	Recent Developments in Geophysical Fluid Dynamics	1				O (10)	
		2					
		3					
		4					
		5			P (XY)		
AS1.14	African Monsoon Multidisciplinary Analysis (AMMA)	1					O (12)
		2					O (12)
		3					O (12)
		4					P (XY)
		5					
AS1.15/ CL56	Seamless Approaches in Weather and Climate	1					
		2					
		3					
		4					
		5		O (10)	P (XY)		
AS2.1	Air-Land Interactions (General Session)	1			O (1)		
		2			O (1)		
		3					
		4					
		5			O (1)	P (XY)	
AS2.2	Air-Sea Interactions (General Session)	1					
		2					
		3			O (1)		
		4					
		5			P (XY)		
AS2.3	Basic Studies on Turbulence in Atmospheric and Oceanic Boundary Layers (General Session)	1					
		2					
		3					
		4			O (1)		
		5			P (XY)		
AS2.4	Boundary Layers in High Latitudes: Physical and Chemical Processes, Observational and Monitoring Programs, Modeling and Analysis	1					
		2					
		3					
		4				O (1)	
		5				P (XY)	
AS2.5	Patterns in Soil-Vegetation-Atmosphere Systems: Monitoring, Modelling, and Data Assimilation	1					O (1)
		2					P (XY)
		3					
		4					
		5					
AS3.1	Gas Phase Composition and Reactivity (General Session)	1					
		2					
		3					
		4		O (1)			
		5		O (1)	P (XY)		
AS3.2	Aerosol Chemistry and Microphysics (General Session)	1		O (1)			
		2		O (1)			
		3		O (1)			
		4					
		5		P (XY)			
AS3.3	Cloud Chemistry and Microphysics (General Session)	1					
		2					
		3					
		4					
		5		P (XY)			
AS3.4	Atmospheric composition: variability and trends	1			O (12)		
		2			O (12)		
		3			O (12)		
		4			O (12)		
		5			P (XY)		
AS3.5	Vertical and Long-Range Transport of Trace Gases and Aerosols	1					
		2					
		3					
		4				O (12)	
		5			P (XY)	O (12)	
AS3.6	Air Pollution Modelling	1				O (12)	
		2				O (12)	
		3				O (12)	
		4					
		5			P (XY)		
AS3.7	Source apportionment of air pollutants in atmospheric science	1					
		2					
		3					
		4	O (12)				
		5	O (12)	P (XY)			

Session	Title	TB	MO	TU	WE	TH	FR
AS3.8	Megacities: Air Quality and Climate Impacts from Local to Global Scales	1	O (12)				
		2	O (12)				
		3	O (12)				
		4	P (XY)				
		5	P (XY)				
AS3.9	Atmospheric halogenated compounds and their chemical transformations	1					
		2					
		3	O (1)				
		4	O (1)				
		5		P (XY)			
AS3.10	Polar Ozone	1					
		2					
		3					
		4					
		5	O (1)	P (XY)			
AS3.11	Molecular Hydrogen in the Atmosphere: observations, modelling and future impact	1					
		2	O (1)				
		3					
		4					
		5		P (XY)			
AS3.12	Atmospheric VOC: measurements and interpretation	1	O (1)				
		2					
		3					
		4					
		5		P (XY)			
AS3.13	Atmospheric Ice Particles	1					
		2				O (1)	
		3				O (1)	
		4					
		5				P (XY)	
AS3.14	Short-lived pollutants in the polar regions: Sources, transport, impacts	1				O (1)	
		2					
		3					
		4					
		5			P (XY)		
AS3.15	Satellite observations on tropospheric composition and pollution, analyses with models and applications	1		O (12)			
		2		O (12)			
		3		O (12)			
		4					
		5			P (XY)		
AS3.16	Satellite Remote-Sensing of Atmospheric Carbon dioxide and Methane	1					
		2					
		3					
		4		O (12)			
		5		O (12)	P (XY)		
AS3.18	Validation of Stratospheric Dynamics and Chemistry Models	1					
		2					O (1)
		3					P (XY)
		4					
		5					
AS3.19	Cavity-enhanced spectroscopy in atmospheric research: from the laboratory to field measurements	1					
		2					
		3					
		4				P (XY)	
		5				O (2)	
AS3.21	Mechanism reduction in models involving atmospheric aerosols	1					
		2					
		3					
		4					
		5		P (XY)			
HS8.1/ AS4.1/ NH1.2/ NP3.6	Precipitation: from measurement to modelling and application in catchment hydrology	1					
		2					
		3	O (31)				
		4	O (31)				
		5	P (A)				
HS10.1/ AS4.3/ NP5.4	Ensemble hydrological forecasting: from theory to practice	1					
		2					
		3	O (32)				
		4					
		5	P (A)				
NH1.7/ AS4.4	Lightning and its Atmospheric Effects	1					
		2					
		3					
		4			O (29)		
		5			O (29)	P (XY)	

Session	Title	TB	MO	TU	WE	TH	FR
NH8.2/ AS4.5/ CL23	Wildfires, Weather and Climate	1					
		2					
		3					
		4		O (18)			
		5		P (XY)			
CL16/ AS4.6/ GM10.1	Aeolian dust: initiator, player, and recorder of environmental change	1					O (28)
		2					O (28)
		3					O (28)
		4					O (28)
		5					P (XY)
BG4.1/ AS4.7	Fire in the Earth System	1					
		2			P (BG)		
		3			O (21)		
		4			O (21)		
		5					
SM2.5/ AS4.8	Research and Development in Nuclear Explosion Monitoring	1					O (7)
		2					O (7)
		3					
		4					P (XY)
		5					
BG1.9	Analysis and Characterization of Black Carbon in the Environment	1	O (21)				
		2					
		3					
		4	P (BG)				
		5					
CL7	Monthly, seasonal and decadal forecasting (including Outstanding Young Scientist Lecture)	1		O (13)			
		2		O (13)			
		3		O (13)			
		4					
		5		P (XY)			
CL20	Land-climate interactions from models and observations: Implications from past to future climate (co-sponsored by ILEAPS & GLASS)	1					O (27)
		2					O (27)
		3					
		4					
		5		O (28)/ P (XY)			
CL41	Mid-latitude Cyclones and Storms: Diagnostics of Observed and Future Trends, and related Impacts	1	O (13)				
		2					
		3					
		4					
		5	P (XY)				
CL44	Shifting Seasons: Phenological evidence from observations, reconstructions, measurements and models (co-sponsored by PAGES & ILEAPS)	1		O (14)			
		2		O (14)			
		3					
		4					
		5		P (XY)			
CL46	Teleconnections: dynamics, predictability, impacts	1					
		2					
		3					
		4				O (28)	
		5				P (XY)	
CL54/ NP4.5	Climate time series analysis: Novel tools and their application	1				O (14)	
		2				O (14)	
		3					
		4					
		5				P (XY)	
CR4.2	Arctic Coastal Processes	1					
		2					
		3			O (20)		
		4					
		5			P (XY)		
ESSI6	Earth System Modeling: Strategies and Software	1					P (XY)
		2					
		3					
		4					
		5					O (36)
HS5.15	Large-scale hydrology: understanding and predicting hydrological variations	1					
		2					O (32)
		3					P (A)
		4					
		5					
HS5.16	Large-scale hydrology: modelling and assimilation	1					
		2					P (A)
		3					
		4					O (32)
		5					

Session	Title	TB	MO	TU	WE	TH	FR
HS5.17	Hydrological Change: Future Projections of Hydrological Behaviour	1			O (31)		
		2			O (31)		
		3					
		4					
		5			P (A)		
HS7.4	Remote sensing of soil moisture	1					
		2					
		3					
		4		O (32)			
		5		O (32)/ P (A)			
GI2	Atmoshere, Ocean, Meteorological Instruments and ocean observatory instrumentation	1					
		2					
		3		O (7)			
		4					
		5		P (XY)			
GI5	Space Instrumentation	1			O (7)		
		2			O (7)		
		3					
		4					
		5				P (XY)	
GI7	Instrumentation for Polar Regions	1					
		2					
		3					P (XY)
		4					
		5					O (7)
NH1.1	Precipitation Science	1		O (6)	O (6)		
		2		O (6)	O (6)		
		3		O (6)	P (XY)		
		4		O (6)	P (XY)		
		5		O (6)			
NH1.4	Extreme Events Induced by Weather and Climate Change: Evaluation, Forecasting and Proactive Planning	1	O (6)				
		2	O (6)				
		3					
		4					
		5	P (XY)				
OS4	High latitude changes in ocean, ice and climate	1			O (D)		
		2			O (D)		
		3					
		4					
		5				P (XY)	
OS5	Manifestations of global climate change in the Arctic Ocean	1					
		2					
		3			O (4)		
		4					
		5				P (XY)	
OS7	Ocean Remote Sensing	1			O (3)		
		2			O (3)		
		3					
		4					
		5			P (XY)		
OS10	Southern Ocean Variability	1					
		2					
		3					
		4			O (4)		
		5			O (4)	P (XY)	
NP2.4	Nonlinear Low-frequency Variability in Atmosphere, Ocean and the Climate System	1					
		2					
		3			P (A)		
		4					
		5		O (14)			
NP2.5	Modelling and Understanding Geophysical Systems as Complex Networks	1					
		2				O (16)	
		3			P (A)		
		4					
		5					
NP3.2	Atmospheric and climate complexity over wide ranges of scale	1					
		2		O (15)		P (XY)	
		3					
		4					
		5					
NP3.3	Scaling, subgrid models, downscaling and parameterization	1					
		2				P (XY)	
		3		O (15)			
		4					
		5					

Session	Title	TB	MO	TU	WE	TH	FR
NP3.4	Geophysical Extremes: Scaling representations and their applications	1			O (15)		
		2				P (XY)	
		3					
		4					
		5					
NP6.5	Turbulence in the atmosphere and environment	1					O (36)
		2					
		3					P (A)
		4					
		5					
NP7.3	Wind-Wave-Current interactions and ocean mixing	1					
		2				P (XY)	
		3					O (15)
		4					
		5					
CL62	Exploring the real potential of the Mediterranean basin as reliable recorder/player of present and past global changes	1					
		2					
		3					
		4					O (13)
		5					P (XY)
OS6	Operational Oceanography: Skill Assessment, Error Analysis and Service Delivery	1					O (D)
		2					O (D)
		3					O (3)
		4					O (D)
		5				P (XY)	
OS8	Open session on SOLAS and sensitivity of marine ecosystems and biogeochemical cycles to climate change	1				O (3)	
		2				O (3)	P (XY)
		3					
		4					
		5			O (6)		
OS9	New aspects of the marine nitrogen cycle's processes and budget	1					
		2					P (XY)
		3				O (3)	
		4					
		5					
OS18	European Collaboration for Implementation of Marine Research on Cores (EuroMARC)	1					
		2					
		3					
		4				O (3)	
		5			P (XY)		
CR8.1/ HS13.05	Mountain Hydrology and Climatology: present state and future scenarios	1	O (20)				
		2	O (20)				
		3					
		4					
		5	P (XY)				
BG2.11	Biogeochemistry and ecohydrology of arid and semi-arid ecosystems	1					
		2	P (BG)				
		3					
		4	O (22)				
		5					