

EGU 2010 – Atmospheric Sciences (AS)

O: Oral Presentation (Lecture Room) / P: Poster Presentation (First Poster Board)

TB: 1: 08:30–10:00 / 2: 10:30–12:00 / 3: 13:30–15:00 / 4: 15:30–17:00 / 5: 17:30–19:00 / 6: 19:00–20:00

Division Business Meeting: Th, 12:15–13:15, Room 14

Session	Title	TB	Mo	Tu	We	Th	Fr
ML2	Alfred Wegener Medal Lecture by Jean-Yves Parlange	1					
		2					
		3					
		4			O (D)		
		5					
ML3	Arthur Holmes Medal Lecture by Roland von Huene	1					
		2					
		3					
		4			O (D)		
		5					
ML5	Vilhelm Bjerknes Medal Lecture by Akio Arakawa	1					
		2					
		3				O (12)	
		4					
		5					
AS0	Open Session on the Lower, Middle, and Upper Atmosphere	1					P (XY1)
		2					
		3					
		4					
		5					
AS1 – Meteorology							
AS1.1	Dynamical Meteorology (General Session)	1					
		2					
		3				O (14)	
		4				O (14)	
		5				P (XY1)	
AS1.2	Numerical Weather Prediction and Data Assimilation (including Vilhelm Bjerknes Medal Lecture)	1				O (12)	
		2				O (12)	
		3				O (12)	
		4					
		5				P (XY32)	
AS1.3	Precipitation: Measurement, Climatology, Remote Sensing, and Modeling (General Session)	1			O (14)		
		2			O (14)		
		3		O (14)	O (14)		
		4		O (14)	P (XY1)		
		5		O (14)	P (XY36)		
AS1.4	Clouds, Aerosols and Radiation (General Session)	1	O (14)				
		2	O (14)				
		3	O (14)				
		4	O (14)				
		5	P (XY7)				
AS1.5	Recent Developments in Geophysical Fluid Dynamics	1					
		2					
		3					
		4			O (11)		
		5			P (XY71)		
OS12/AS1.7	Gravity Waves	1		O (6)			
		2		O (6)			
		3					
		4					
		5	P (XL206)				
AS1.8	High Resolution Cloud Models	1		O (12)			
		2					
		3					
		4					
		5		P (XY1)			
AS1.9	The global monsoon system: variability and dynamics	1	O (11)				
		2	O (11)				
		3					
		4					
		5	P (XY57)				
AS1.10	Dynamics and chemistry of atmospheric convection	1					
		2					
		3					
		4				P (XY11)	
		5				O (14)	

2 Programme Group Schedules

Session	Title	TB	Mo	Tu	We	Th	Fr
AS1.11	Dynamical coupling between the stratosphere and the troposphere	1					
		2					
		3			O (9)		
		4					
		5			P (XY89)		
AS1.12	Chemistry and Dynamics of the Upper Troposphere / Lower Stratosphere (UTLS)	1					O (14)
		2					O (14)
		3					P (XY28)
		4					
		5					
AS1.13	Observing stratospheric dynamics and chemistry	1			O (9)		
		2					
		3					
		4					
		5			P (XY105)		
AS1.14	Modelling Stratospheric Dynamics and Chemistry	1					
		2			O (9)		
		3					
		4					
		5			P (XY123)		
AS1.15	Joint Session of the MLT and the CAWSES programme	1					
		2					
		3				O (11)	
		4				O (11)	
		5				P (XY61)	
AS1.16	High Resolution Active Optical Remote Sensing of Atmospheric Processes	1		O (11)			
		2					
		3					
		4					
		5		P (XY8)			
AS1.17	African Monsoon Multidisciplinary Analysis (AMMA)	1					
		2					
		3	O (11)				
		4	O (11)				
		5	P (XY83)				
AS1.18	Climate and Environmental changes in East Asia region	1					
		2					
		3		O (9)			
		4		O (9)			
		5		P (XY25)			
AS1.19	Observing and predicting precipitation in arid to semi-arid regions	1					
		2		P (XY47)			
		3					
		4					
		5					
HS5.1/AS1.20/NH1.11/ NP3.6	Precipitation: from measurement to modelling and application in catchment hydrology	1	O (36)				
		2	O (36)				
		3	O (36)				
		4					
		5	P (A277)				
HS11.4/AS1.22/NH1.12	Towards practical applications in ensemble hydro-meteorological forecasting	1					
		2					
		3		O (38)			
		4		O (38)			
		5		P (A306)			
NP2.5	Modelling and Understanding Geophysical Systems as Complex Networks	1					
		2					
		3					
		4	O (19)				
		5	P (XL160)				
AS2 – Boundary layer processes							
AS2.1	Air-Land Interactions (General Session) (co-sponsored by iLEAPS)	1				O (11)	
		2				O (11)	
		3					
		4					
		5		P (XY83)			
AS2.2	Air-Sea Interactions (General Session)	1					
		2					
		3			O (9)		
		4					
		5		P (XY113)			
AS2.3	Basic Studies on Turbulence in Atmospheric and Oceanic Boundary Layers (General Session)	1					
		2					
		3					
		4			O (9)		
		5		P (XY137)			
AS2.4	Boundary Layers in High Latitudes: Physical and Chemical Processes, Observational and Monitoring Programs, Modeling and Analysis	1				O (9)	
		2				P (XY53)	
		3					
		4					
		5					

Session	Title	TB	Mo	Tu	We	Th	Fr
	AS3 – Atmospheric chemistry and aerosols						
AS3.1	Gas Phase Composition and Reactivity (including HOx, NOx, and halogens)	1	O (9)				
		2	O (9)				
		3					
		4					
		5	P (XY110)				
AS3.2	Aerosol Chemistry and Microphysics (General Session)	1			O (12)		
		2			O (12)		
		3			O (12)		
		4					
		5			P (XY135)		
AS3.3	Atmospheric Ice Particles	1					
		2					P (XY71)
		3					O (12)
		4					O (12)
		5					
AS3.4	Air Pollution Modelling	1				O (14)	
		2				O (14)	
		3					
		4				O (14)	
		5			P (XY173)	P (XY160)	
AS3.5	Vertical and Long-Range Transport of Trace Gases and Aerosols	1					
		2					
		3					O (14)
		4					P (XY94)
		5					
AS3.6	Remote-Sensing of Atmospheric Carbon Dioxide and Methane	1			O (14)		
		2			O (14)		
		3					
		4					
		5			P (XY58)		
AS3.7	Megacities: Air Quality and Climate Impacts from Local to Global Scales	1	O (12)				
		2	O (12)				
		3	O (12)				
		4	O (12)				
		5	P (XY138)				
AS3.8	Polar Ozone and Polar Stratospheric Clouds	1					
		2					
		3	O (9)				
		4					
		5	P (XY192)				
AS3.9	Satellite observations of tropospheric composition and pollution, analyses with models and applications	1					
		2					O (12)
		3					O (12)
		4					P (XY110)
		5					O (12)
AS3.10	Atmospheric composition: variability and trends	1				O (11)	
		2				O (11)	
		3				O (11)	
		4					
		5			P (XY190)		
AS3.11	Atmospheric composition of a SE Asian tropical rainforest: Results from the OP3 and ACES projects	1					
		2					
		3					
		4					
		5	O (9)	P (XY212)			
AS3.13	Source apportionment of air pollutants in atmospheric science	1					
		2					
		3					
		4					
		5			P (XY88)		
AS3.14	From gas to particles, new perspectives on organic compounds in the atmosphere	1					
		2					
		3					
		4				O (12)	
		5			P (XY232)		
AS3.15	Remote Sensing of Clouds and Aerosols: Techniques and Applications	1					
		2					
		3					
		4					
		5			P (XY119)		
AS3.16	New developments in tropospheric profiling techniques	1					
		2					
		3					
		4					P (XY144)
		5					O (9)
AS3.17	Ground-based remote sounding of greenhouse gases	1					
		2					
		3					
		4					
		5			P (XY162)		

Session	Title	TB	Mo	Tu	We	Th	Fr
AS3.18	Physical and chemical properties and impacts of atmospheric aerosols over arid and semi-arid regions	1					
		2					
		3					
		4			O (9)		
		5			P (XY249)		
AS3.19	Monitoring Atmospheric Composition and Climate	1				O (9)	
		2				O (9)	
		3					
		4					
		5				P (XY177)	
NH7.3/AS3.20/BG2.18/ CL4.17	Fire in the Earth System: Impacts and Feedbacks	1					
		2	O (4)				
		3	O (4)				
		4					
		5		P (XY627)			
AS4 – Interdisciplinary sessions in Atmospheric Sciences							
HS5.4/AS4.1/CL2.14	Hydrological change versus climate change	1					
		2					
		3	O (33)				
		4	O (33)				
		5	P (A242)				
NH7.1/AS4.2/CL2.10	Wildfires, Weather and Climate	1	O (4)				
		2					
		3					
		4					
		5	P (XY610)				
IG3/AS4.3	Stable Isotopes in Atmospheric Research	1					O (42)
		2					
		3					
		4					
		5		P (A327)			
HS11.1/AS4.4/NH1.13	Flash floods: Observations, modelling, forecasting and impacts	1					O (34)
		2					O (34)
		3					O (34)
		4					P (A284)
		5					
NH1.5/AS4.5/CL4.13	Assessment of Weather-related Risk on Agricultural Production and Agribusiness	1		O (3)			
		2					
		3					
		4					
		5		P (XY509)			
AS4.6	Patterns in Soil-Vegetation-Atmosphere Systems: Monitoring, Modelling, and Data Assimilation	1					
		2					
		3					P (XY181)
		4					O (11)
		5					
AS4.7	Aeolian dust: initiator, player, and recorder of environmental change	1					O (11)
		2					O (11)
		3					P (XY205)
		4					
		5					
SM2.6/AS4.8	Research and Development in Nuclear Explosion Monitoring	1					O (28)
		2					O (28)
		3					O (28)
		4					P (XL303)
		5					
AS4.9	Infrasound monitoring for atmospheric studies	1					
		2					
		3					O (11)
		4					P (XY236)
		5					
NH1.7/AS4.10	Extreme events induced by extreme weather and climate change: Evaluation and forecasting of disaster risk and proactive planning	1	O (3)				
		2	O (3)				
		3					
		4					
		5		P (XY546)			
CL4.11/AS4.13/GMPV15	Volcanic Activity and the Earth System	1					
		2					
		3					
		4	O (17)				
		5	P (XY423)				
NH1.3/AS4.14	Lightning: physics, detection and atmospheric effects	1					
		2					
		3			O (3)		
		4			O (3)		
		5			P (XY463)		
NP2.3/AS4.15/CL4.5/ OS13	Nonlinear Dynamics of the Atmosphere, Ocean and the Climate System	1					
		2					
		3					
		4					
		5			P (XL277)		

Session	Title	TB	Mo	Tu	We	Th	Fr
BG2.2/AS4.16	Biosphere-Atmosphere Interactions: From biogenic primary exchange to atmospheric fluxes of reactive trace gases (co-sponsored by iLEAPS)	1					
		2					
		3			O (24)		
		4					
		5			P (BG9)		
BG2.3/AS4.17	Biosphere-atmosphere interactions: Trends and spatio-temporal variability in biogeochemical surface fluxes	1					
		2					
		3		O (24)			
		4		O (24)			
		5		P (BG43)			
BG2.5/AS4.18	Biosphere-Atmosphere interactions: Improving measurements and models of soil respiration and its components (co-sponsored by iLEAPS)	1			O (24)		
		2			O (24)		
		3					
		4					
		5			P (BG27)		
HS4.11	Hydrological change: Future projections of hydrological behaviour	1			O (36)		
		2			O (36)		
		3		O (36)			
		4					
		5		P (A163)			
BG2.9/AS4.20	Biosphere-Atmosphere interactions: Carbon and water cycles at multiple spatial and temporal scales (co-sponsored by iLEAPS)	1					
		2					
		3		O (24)			
		4		O (24)			
		5		P (BG1)			
NP3.8	Geophysical Downscaling Methods	1					
		2			O (17)		
		3					
		4					
		5			P (XY701)		