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

Session	Title	TB	MO	TU	WE	TH	FR
AS0	Open Session on the Lower, Middle, and Upper Atmosphere	1	O (1 (G))				
		2	O (1 (G)) P (XY)				
	rumosphere	4	P(XY)				
		5	r (X1)				
A C 1 O 1	Dynamical Meteorology (General Session)	1			O (10 (E1))		
AS1.01	Dynamical Meteorology (General Session)	2			P (XY)		
		3					
		4					
		5					
AS1.02	Numerical Weather Prediction and Data	1	O (12 (E2))				
	Assimilation (General Session)	2	O (12 (E2))				
	Assimilation (General Session)	4	O (12 (E2))	-		-	
		5	P (XY)				
A C 1 O 2	Observation Destination and West Continue of	1				O (10 (E1))	
AS1.03	Observation, Prediction and Verification of	2				O (10 (E1))	
	Precipitation (General Session) (co-listed in HS)	3			P(XY)	O (10 (E1))	
		4			P(XY)	O (10 (E1))	
		5					
AS1.04	Clouds, Aerosols and Radiation (General Session)	1	O (10 (E1))				
1101.01	Clouds, Ticrosofs and Radiation (General Session)	2	O (10 (E1))				
		3	O (10 (E1))	P(XY)			
		4	O (10 (E1))	P (XY)			
		5					
AS1.05	Recent developments in Geophysical Fluid	2					
	Dynamics	3				P (XY)	
	- /	4				O (29)	
		5				= (=>)	
AS1.06	Variability and predictability of the coupled	1					O (1 (G))
A51.00		2					
	stratosphere-troposphere system (co-listed in CL)	3					P(XY)
		4					
		5					
AS1.07	Solar UV	1		D (VVV)		+	
		3		P (XY) O (10 (E1))			
		4		O (10 (E1))			
		5					
AS1.08	The quasi-biennial oscillation and its role in the climate system (co-listed in CL)	1					
A51.00		2					
		3		P(XY)			
		4		O (10 (E1))			
		5					
AS1.09	The tropical tropopause region	1			0 (10 (51))	P (XY)	
		3			O (10 (E1)) O (10 (E1))	P (XY)	
		4			O(10(E1))		
		5					
A C 1 10	Dynamics and chamistry of atmospharic moist	1					
AS1.10	Dynamics and chemistry of atmospheric moist	2					
	convection	3			O (12 (E2))		
		4			P(XY)		
		5					
AS1.11	Gravity waves (co-listed in OS)	1					P (XY)
		2	1			1	0.41.4300
		3	1			+	O (1 (G))
		4	 	-		 	O (1 (G))
101101	The Gold Colonian and Colonians	5	1			O (12 (E2))	
AS1.12/	Joint Session of the MLT and the CAWSES	2				O (12 (E2))	
ST15	program (co-organized by ST)	3	†			U (12 (D2))	
		4			O (12 (E2))	P(XY)	
		5	İ	İ			

AST.1.1	Session	Title	TB	MO	TU	WE	TH	FR
AS1.14	AS1.13	GIS in meteorology and climatology (co-listed in						
AS1.14				D (VV)				
AST.14								
AS1.15 Aerosol-Precipitation Interactions 2								
ASS.01 Ar-Sca Interactions (General Session) Combined in BG & HS) ASS.03 Assession ASS.04 Assession Ass.05 Acrosol Chemistry and Microphysics (General Session) Ass.06 Ass.06 Ass.06 Ass.06 Ass.06 Ass.07 Ass.06 Ass.07 Ass.06 Ass.07 Ass.06 Ass.07 Ass.07 Ass.07 Ass.08 Ass	AS1.14	African Monsoon Multidisciplinary Analysis						O (10 (E1))
AS1.15 Aerosol-Precipitation Interactions 1		1 2 2					D (VV)	
AS1.15 Aerosol-Precipitation Interactions		(Figure 1) (co instead in obs, 20, c2 to bbb)						
AS2.01 Air-Land Interactions (General Session) (colisted in BG & HS) AS2.02 Air-Sea Interactions (General Session) AS2.03 Basic Studies on Turbulence in Atmospheric and Oceanic Boundary Layers (General Session) AS2.04 Boundary Layers in High Latitudes: Cl.) AS3.01 Gas Phase Composition and Reactivity (General Session) AS3.01 Gas Phase Composition and Reactivity (General Session) AS3.02 Acrosol Chemistry and Microphysics (General Session) AS3.03 Cloud Chemistry and Microphysics (General Session) AS3.04 Tropospheric Composition: Variability and Trends AS3.05 Vertical and Long-Range Transport of Trace Gases and Aerosols AS3.06 Air Pollution Modelling AS3.07 Acrosol Chemistry and Modeling (Colisted in Crand Session) AS3.08 Reactive Halogen Compounds in the Lower and the Free Troposphere AS3.08 Reactive Halogen Compounds in the Lower and the Free Troposphere AS3.08 Reactive Halogen Compounds in the Lower and the Free Troposphere AS3.08 Reactive Halogen Compounds in the Lower and the Free Troposphere AS3.08 Reactive Halogen Compounds in the Lower and the Free Troposphere AS3.08 Reactive Halogen Compounds in the Lower and the Free Troposphere							- 0	= (== (==//
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Stratospheric Dynamics and Ozone						O (10 (E1))		
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AS3.02 Aerosol Chemistry and Microphysics (General Session) 1								
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AS3.03 Cloud Chemistry and Microphysics (General Session) 3	AS3.02							
AS3.03 Cloud Chemistry and Microphysics (General Session) AS3.04 Tropospheric Composition: Variability and Trends AS3.05 Vertical and Long-Range Transport of Trace Gases and Aerosols AS3.06 Air Pollution Modelling AS3.06 Reactive Halogen Compounds in the Lower and the Free Troposphere S		Session)			O (12 (E2))			
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AS3.08 Reactive Halogen Compounds in the Lower and the Free Troposphere 2	AS3.06	Air Pollution Modelling						
AS3.08 Reactive Halogen Compounds in the Lower and the Free Troposphere 4								
AS3.08 Reactive Halogen Compounds in the Lower and the Free Troposphere S						Γ (ΛΙ)		
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the Free Troposphere 2	AS3.08	Reactive Halogen Compounds in the Lower and	1					
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		and 1100 110posphioto		1				
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Session	Title	TB	MO	TU	WE	TH	FR
AS3.09	Source apportionment of particulate matter	1		O (10 (E1))			
		2	1	O (10 (E1))	P (XY)		<u> </u>
		3			P (A1)		
		5			- 0		
AS3.10	Modelling, Data-Assimilation and Source-Sink	1					
	Inversion for Operational Atmospheric	3	P (XY) O (1 (G))				
	Composition	4	O (1 (G))				-
	Composition	5					
AS3.11	The Tropospheric Ice Phase	1		O (12 (E2))			
		3		O (12 (E2))			
		4		P (XY)			
		5					
AS3.12	Megacity Impacts on Regional and Global Scales	2				P (XY)	-
		3			O (1 (G))	1 (A1)	
		4			O (1 (G))		
		5			O (1 (G))		D (VV)
AS3.13	Polar Ozone	2					P (XY)
		3					
		4					O (12 (E2))
1100.00		5 1	O (22)				<u> </u>
NP3.02	Scale, Scaling, nonlinear variability and turbulent	2	O (22)				
	structures in oceans, atmosphere and the climate	3	Ì				
	(co-listed in AS, BG, CL & OS)	4		P (XY)			ļ
NID5 02	D	5					
NP5.02	Data assimilation in the presence of	2				O (22)	
	nonlinearities (co-listed in AS)	3				O (22)	
		5	1	B (VV)		O (22)	<u> </u>
SM21	Descends and Development in Musleen Evaluation	1		P (XY)			
SW121	Research and Development in Nuclear Explosion	2					
	Monitoring (co-listed in AS)	3				O (26)	ļ
	-	5				O (26) P (A)	<u> </u>
CL40	Climate Models Intercomparison: Dynamics and	1	O (25)			1 (11)	
CL40	Physical Processes (co-listed in AS, OS & NP)	2	O (25)				
		3	1				<u> </u>
		5	P (XY)				-
HS41	Statistical concepts in understanding and modelling hydro-climatic change (co-listed in NP, CL and AS)	1					
115 11		2					0.01
		- 3 - 4					O (31) P (A)
		5					1 (/1)
NP6.05	Turbulence in the Atmosphere and Ocean (co-	1					
	listed in AS & OS)	3	1		P (XY)		<u> </u>
		4			r (A1)		-
		5		O (22)			
CL21	Generality of Climate Models and their	1					
	Components (co-listed in AS & NP)	3		O (14)			
		4		. (/			
		5		P (XY)			
CL23	Surface Radiation Budget, Radiative Forcings	2		O (14) O (14)			
	and Climate Change (co-listed in AS)	3		J (14)			
		4					
HS40	N. 1. 1	5		P (XY)			
	Novel techniques for measuring rainfall microand macro-structure (co-listed in AS & NH)	2					O (31)
		3					
		4					P (A)
	Co. 1	5 1					O (31)
HS39	Stochastic-dynamic modelling of precipitation	2					3 (31)
	(co-listed in NP & AS)	3					
		5					P (A)
		3	1		l	l	

Session	Title	TB	MO	TU	WE	TH	FR
NH1.01	Satellite Remote Sensing Applications in	1	MIO	10	WE	111	FIX
N111.01	Hydrometeorology, Water Cycle, and Flood	2					
	Forecasting (co-listed in AS)	3	O (27) O (27)				
	Forecasting (co-fisted in As)	5	P (XY)				
NH1.05	Propagation of uncertainty in advanced meteo-	1				O (24)	
	hydrological forecast systems (co-listed in AS)	2				P (XY)	-
	injurorogram rorecust systems (co instea in ris)	3			O (24)		
		5			O (24)		
NH1.02	Advances in radar, satellite and hydrological	1					
	modelling methods for flash flood and droughts	3					
	forecasting (co-listed in AS)	4					
	,	5	0 (27)				
NH1.03	Diagnosis, modelling and forecasting of	2	O (27) O (27)				
	meteorological and hydrological hazards produced	3	- (=·)				
	by extreme weather and climate change (co-listed in	4					
	AS & CL)	5	P (XY)				
NH1.04	Precipitation Science (co-listed in AS) (including	1		O (24)	O (24)		
	Sergey Soloviev Medal Lecture)	3		O (24) O (24)	O (24) P (XY)		
	6. 7	4		O (24)	1 (A1)		
		5		O (24)			
NH1.06	Lightning (co-listed in AS)	1					<u> </u>
		3			O (7)		
		4			O (7)		
		5			P (XY)		
GI5	Space Instrumentation (co-listed in PS, ST, AS, G &	2				O (2) O (2)	P (XY)
	OS)	3				0 (2)	1 (X1)
		4					
		5 1		O(2)			
GI2	Atmoshere, Ocean and Meteorological Instruments	2		O(2)			
	(co-listed in AS, CL, OS, PS & ST)	3		, i			
		5			D (VV)		
GI4	Instrumentation related to polar regions and the IPY	1			P (XY)		
G14		2					
	(co-listed in AS, BG, CR & OS)	3		0.(2)			
		5		O (2) O (2)	P (XY)		
GI10	Informatics: distributed information systems -	1		- (-/	(411)		O (29)
SIIO	technology and applications (co-listed in AS, CL, G,	2					O (29)
	CR, GD, GM, GMPV, HS, MPRG, OS, PS, ST, SM,	3					O (29) P (XY)
	TS, SSP, SSS & NH)	5					1 (111)
CD70		1					
CR70	Snow dynamics and snow-atmosphere exchange	2					
	over Greenland and Antarctica (co-listed in AS &	3			O (26)		-
	CL)	5			P (A)		
CR132	Sea ice edge processes: atmosphere, ocean, ice	1			1 (.1)		
CK132	interactions	2					
	interactions	3 4					
		5					
CL2	Monthly, seasonal and decadal forecasting (co-listed	1					
	in NP & AS)	3	O (14) O (14)		 		-
		4	U (14)				
		5	P(XY)				
OS6	IMBER/SOLAS Special Session (co-listed in AS,	2					
	BG, CL & NP)	3					O (D)
		4					O (D)
		5			P (XY)		
CL7	Antarctica and the Global Climate System (co-listed	2		1			-
	in AS, CR & OS)	3					
		4			O (13 (F1))		<u> </u>
		5		<u> </u>	P(XY)		

Session	Title	TB	MO	TU	WE	TH	FR
CL38/GI12	Earth System Modelling: Strategies and Software	1					
0200/0112	(co-organized by GI, co-listed in AS, HS & OS)	2					
	(co-organized by GI, co-fisted iii AS, HS & GS)	3					
		4		O (14)			
		5		P(XY)			
HS19	Monitoring and modelling for soil and	1					<u> </u>
	ecohydrological processes across landscape	2					P (A)
		3					O (28 (B))
	elements	4					O (28 (B))
		5					
HS22	River and stream temperature: dynamics, processes, models and implications	1					
		2					
		3		0 (21)	D(A)		
		5		O (31)	P(A)		
TTGQ1	Coupled modelling and observation of terrestrial and atmospheric water fluxes across multiple spatial and temporal scales	1					
HS31		2					
		3					
		4					
		5					-
HS32	Climate-soil and vegetation interactions in ecological-hydrological processes (co-listed in AS, CL, NP & SSS)	1					O (28 (B))
11004		2					O (28 (B))
		3					P (A)
		4					
		5					