AS – Atmospheric Sciences – Oral Sessions

Monday, 23 April	
MO1, 08:30–10:00	**AS1.3**, Precipitation: Measurement, Climatology, Remote Sensing, and Modeling (General Session), **08:30–17:15** in **Room 14**
	AS2.1, Air-Land Interactions (General Session) (co-sponsored by iLEAPS), **08:30–12:00** in **Room 8**
	AS3.6, Megacities: Air Quality and Climate Impacts from Local to Global Scales, **08:30–15:00** in **Room 10**
	CL1.15, Temperature observations in the subsurface: contributions to climate sciences, soil sciences, permafrost, glaciology, hydrology, and heat flow studies (co-listed), **08:30–12:00** in **Room 13**
	NH1.4/AS4.14, Lightning: physics, detection and atmospheric effects (co-organized), **08:30–12:00** in **Room 1**
	NH7.3/AS4.3/BG2.25/ESSI1.8/NP4.6/SSS5.24, Spatial and temporal patterns of wildfires: models, theory, and reality (co-organized), **08:30–17:00** in **Room D**
	PSD14.3, GI2.1/AS4.6 - Atmospheric and Meteorological Instrumentation, **08:30–09:15** in **Room 40**
MO2, 10:30–12:00	**AS1.3**, Precipitation: Measurement, Climatology, Remote Sensing, and Modeling (General Session), **08:30–17:15** in **Room 14**
	AS1.14, Mid-latitude Cyclones and Storms: Diagnostics of Observed and Future Trends, and related Impacts, **10:30–12:00** in **Room 7**
	AS2.1, Air-Land Interactions (General Session) (co-sponsored by iLEAPS), **08:30–12:00** in **Room 8**
	AS3.6, Megacities: Air Quality and Climate Impacts from Local to Global Scales, **08:30–15:00** in **Room 10**
	CL1.15, Temperature observations in the subsurface: contributions to climate sciences, soil sciences, permafrost, glaciology, hydrology, and heat flow studies (co-listed), **08:30–12:00** in **Room 13**
	NH1.4/AS4.14, Lightning: physics, detection and atmospheric effects (co-organized), **08:30–12:00** in **Room 1**
	NH7.3/AS4.3/BG2.25/ESSI1.8/NP4.6/SSS5.24, Spatial and temporal patterns of wildfires: models, theory, and reality (co-organized), **08:30–17:00** in **Room D**
	PSD10.2, AS1.10 - The global monsoon system: variability and dynamics, **10:30–11:15** in **Room 35**
MO3, 13:30–15:00	**AS1.3**, Precipitation: Measurement, Climatology, Remote Sensing, and Modeling (General Session), **08:30–17:15** in **Room 14**
	AS2.2/OS5.3, Turbulence in the atmospheric and oceanic boundary layers (co-organized), **13:30–15:15** in **Room 8**
	AS3.6, Megacities: Air Quality and Climate Impacts from Local to Global Scales, **08:30–15:00** in **Room 10**
	ERE1.8, Aspects of Biomass utilization from Forests and other Resources (co-listed), **13:30–15:00** in **Room 19**
	PSD19.13, NH7.3/AS4.3/BG2.25/ESSI1.8/NP4.6/SSS5.24 - Spatial and temporal patterns of wildfires: models, theory, and reality, **14:30–15:15** in **Room 37**
MO4, 15:30–17:00	**AS1.3**, Precipitation: Measurement, Climatology, Remote Sensing, and Modeling (General Session), **08:30–17:15** in **Room 14**
	AS1.10, The global monsoon system: variability and dynamics, **15:30–17:00** in **Room 10**

	AS2.3, Boundary Layers in High Latitudes: Physical and Chemical Processes Including Atmosphere-Ice Chemical Interactions (AICI), **15:30–17:00** in **Room 8**
	NH7.3/AS4.3/BG2.25/ESSI1.8/NP4.6/SSS5.24, Spatial and temporal patterns of wildfires: models, theory, and reality (co-organized), **08:30–17:00** in **Room D**
	PSD10.4, AS3.5 - Aerosol Chemistry and Microphysics (General Session), **15:30–16:15** in **Room 35**
	PSD19.2, NH1.4/AS4.14 - Lightning: physics, detection and atmospheric effects, **15:30–16:15** in **Room 40**
MO6, 19:00–20:00	**PSD10.5**, AS2.1 - Air-Land Interactions (General Session) (co-sponsored by iLEAPS), **19:15–20:00** in **Room 35**
	PSD10.6, AS2.3 - Boundary Layers in High Latitudes: Physical and Chemical Processes Including Atmosphere-Ice Chemical Interactions (AICI), **19:00–19:45** in **Room 37**

Tuesday, 24 April

TU1, 08:30–10:00	**AS1.10**, The global monsoon system: variability and dynamics, **15:30–17:00** in **Room 10**
	AS3.5, Aerosol Chemistry and Microphysics (General Session), **08:30–12:00** in **Room 8**
	AS3.10, Satellite observations of tropospheric composition and pollution, analyses with models and applications, **08:30–12:00** in **Room 14**
	AS4.8, Infrasound monitoring for atmospheric studies, **08:30–10:00** in **Room 7**
	CL1.16/AS4.1/BG2.12/IG15, Biogeochemistry of Atmospheric Methane: Isotopes to Models (co-organized), **08:30–10:00** in **Room 13**
	GI2.1/AS4.6, Atmospheric and Meteorological Instrumentation (co-organized), **08:30–12:30** in **Room 41**
	NH1.11/AS4.16/CL2.4, Hazard Risk Managment in Agriculture and Agroecosystems (co-organized), **08:30–12:00** in **Room 1**
TU2, 10:30–12:00	**AS1.21**, Quantitative precipitation forecasting in complex terrain: Results of the Convective and Orographically-induced Precipitation Study (COPS) and other campaigns (co-sponsored by the World Weather Research Program of the WMO), **10:30–12:00** in **Room 7**
	AS3.5, Aerosol Chemistry and Microphysics (General Session), **08:30–12:00** in **Room 8**
	AS3.10, Satellite observations of tropospheric composition and pollution, analyses with models and applications, **08:30–12:00** in **Room 14**
	AS3.11, Remote-Sensing of Atmospheric Carbon Dioxide and Methane, **10:30–17:00** in **Room 10**
	GI2.1/AS4.6, Atmospheric and Meteorological Instrumentation (co-organized), **08:30–12:30** in **Room 41**
	NH1.11/AS4.16/CL2.4, Hazard Risk Managment in Agriculture and Agroecosystems (co-organized), **08:30–12:00** in **Room 1**
	PSD10.8, AS4.4/BG2.16 - Boreal forest chemistry and physics, **10:30–11:15** in **Room 37**
	PSD10.10, AS4.8 - Infrasound monitoring for atmospheric studies, **10:30–11:15** in **Room 35**
TUL, 12:15–13:15	**ML2**, Arthur Holmes Medal Lecture by Vincent Courtillot (co-listed), **12:15–13:15** in **Room D**
	PSD19.1, NH1.11/AS4.16/CL2.4 - Hazard Risk Managment in Agriculture and Agroecosystems, **12:15–13:00** in **Room 35**
TU3, 13:30–15:00	**AS3.3**, Atmospheric Ice Particles, **13:30–17:00** in **Room 14**

	AS3.11, Remote-Sensing of Atmospheric Carbon Dioxide and Methane, **10:30–17:00** in **Room 10**
	AS4.10, Integrated physical and chemical weather modelling with two-way interactions, **13:30–15:15** in **Room 8**
	HS4.3/AS1.18/NH1.2, Ensemble hydro-meteorological forecasting for improved risk management: across scales and applications (co-organized), **13:30–17:00** in **Room 36**
TU4, 15:30–17:00	**AS3.3**, Atmospheric Ice Particles, **13:30–17:00** in **Room 14**
	AS3.11, Remote-Sensing of Atmospheric Carbon Dioxide and Methane, **10:30–17:00** in **Room 10**
	AS4.4/BG2.16, Boreal forest chemistry and physics (co-organized), **15:30–17:00** in **Room 8**
	HS4.3/AS1.18/NH1.2, Ensemble hydro-meteorological forecasting for improved risk management: across scales and applications (co-organized), **13:30–17:00** in **Room 36**

Wednesday, 25 April

WE1, 08:30–10:00	**AS1.9**, Atmospheric Convection: Dynamics, Chemistry, and Vertical Transport, **08:30–10:00** in **Room 7**
	AS3.2, Halogens in the Troposphere, **08:30–12:00** in **Room 8**
	AS3.8, Atmospheric composition: variability and trends, **08:30–17:00** in **Room 14**
	AS3.12, Remote Sensing of Clouds and Aerosols: Techniques and Applications, **08:30–15:00** in **Room 10**
	CL4.3, Mediterranean Climate: from past to future (co-listed), **08:30–15:15** in **Room 16**
	GI2.5, Preparatory activities for the scientific utilisation of the GMES Sentinel satellites constellations including Cal/Val activities of their optical instruments. (co-listed), **08:30–12:00** in **Room 42**
	IG3/AS4.2, Stable Isotopes in Atmospheric Research (co-organized), **08:30–12:00** in **Room 34**
	NH1.1/AS1.16, Extreme meteorological and hydrological events induced by severe weather and climate change (co-organized), **08:30–15:00** in **Room D**
	NP2.1, ENSO: Dynamics, Predictability and Modelling (co-listed), **08:30–10:15** in **Room 17**
	PSD17.1, PS1.2/AS4.21/ST6.1 - Polarimetry as an invaluable tool to study the Solar System and beyond., **08:30–09:15** in **Room 37**
WE2, 10:30–12:00	**AS3.2**, Halogens in the Troposphere, **08:30–12:00** in **Room 8**
	AS3.8, Atmospheric composition: variability and trends, **08:30–17:00** in **Room 14**
	AS3.12, Remote Sensing of Clouds and Aerosols: Techniques and Applications, **08:30–15:00** in **Room 10**
	CL2.8/AS1.13/ST6.5, Impact of solar and geomagnetic variabilities on the Earth's lower,middle and upper atmospheres (co-organized), **10:30–17:00** in **Room 15**
	CL4.3, Mediterranean Climate: from past to future (co-listed), **08:30–15:15** in **Room 16**
	GI2.5, Preparatory activities for the scientific utilisation of the GMES Sentinel satellites constellations including Cal/Val activities of their optical instruments. (co-listed), **08:30–12:00** in **Room 7**

	IG3/AS4.2, Stable Isotopes in Atmospheric Research (co-organized), **08:30–12:00** in **Room 34**
	NH1.1/AS1.16, Extreme meteorological and hydrological events induced by severe weather and climate change (co-organized), **08:30–15:00** in **Room D**
	NP2.2/AS1.19, Nonlinear Dynamics of the Atmosphere, Ocean and the Climate System (co-organized), **10:30–12:15** in **Room 17**
	SM3.1/AS4.20, Research and Development in Nuclear Explosion Monitoring (co-organized), **10:30–15:00** in **Room 26**
WEL, 12:15–13:15	**ML1**, Alfred Wegener Medal Lecture by Michael Ghil (co-listed), **12:15–13:15** in **Room D**
WE3, 13:30–15:00	**AS1.1**, Dynamical Meteorology (General Session), **13:30–17:00** in **Room 11**
	AS3.8, Atmospheric composition: variability and trends, **08:30–17:00** in **Room 14**
	AS3.12, Remote Sensing of Clouds and Aerosols: Techniques and Applications, **08:30–15:00** in **Room 10**
	CL2.8/AS1.13/ST6.5, Impact of solar and geomagnetic variabilities on the Earth's lower,middle and upper atmospheres (co-organized), **10:30–17:00** in **Room 15**
	CL4.3, Mediterranean Climate: from past to future (co-listed), **08:30–15:15** in **Room 16**
	NH1.1/AS1.16, Extreme meteorological and hydrological events induced by severe weather and climate change (co-organized), **08:30–15:00** in **Room D**
	PSD10.12, AS3.2 - Halogens in the Troposphere, **13:30–14:15** in **Room SM2**
	SM3.1/AS4.20, Research and Development in Nuclear Explosion Monitoring (co-organized), **10:30–15:00** in **Room 26**
WE4, 15:30–17:00	**AS1.1**, Dynamical Meteorology (General Session), **13:30–17:00** in **Room 11**
	AS1.7/NP1.4, Recent Developments in Geophysical Fluid Dynamics (co-organized), **15:30–17:00** in **Room 10**
	AS3.8, Atmospheric composition: variability and trends, **08:30–17:00** in **Room 14**
	CL2.8/AS1.13/ST6.5, Impact of solar and geomagnetic variabilities on the Earth's lower,middle and upper atmospheres (co-organized), **10:30–17:00** in **Room 15**
	CL5.7/AS4.22/BG6.4/GM2.6, Instrumental monitoring of caves: the key to understanding anthropogenic impacts and climate-proxy relationships in speleothems (co-organized), **15:30–17:00** in **Room 16**
	PSD5.10, SM3.1/AS4.20 - Research and Development in Nuclear Explosion Monitoring, **15:30–16:15** in **Room 37**
WE6, 19:00–20:00	**ML4**, Vilhelm Bjerknes Medal Lecture by Adrian Simmons (co-listed), **19:00–20:00** in **Room 14**

Thursday, 26 April

TH1, 08:30–10:00	**AS1.1**, Dynamical Meteorology (General Session), **13:30–17:00** in **Room 11**
	AS3.1, Gas Phase Composition and Reactivity (including HOx, NOx), **08:30–10:00** in **Room 10**
	AS4.5/BG2.17/CL2.6, Vegetation-Atmosphere Interactions: From Emission to Atmospheric Particles and Climate (co-organized), **08:30–10:00** in **Room 14**

	CL2.3, Urban climate, urban heat island and urban biometeorology (co-listed), **08:30–10:00** in **Room 13**
	OS1.2, The North Atlantic: natural variability and global change (co-listed), **08:30–17:00** in **Room 12**
	OS5.1/AS1.8, Internal Gravity Waves (co-organized), **08:30–12:00** in **Room 7**
TH2, 10:30–12:00	**AS1.5**, Clouds, Aerosols and Radiation (General Session)/High Resolution Cloud Models, **10:30–17:00** in **Room 10**
	AS1.12, Dynamics and chemistry of the upper troposphere and stratosphere: observations and models, **10:30–17:00** in **Room 14**
	AS4.13/CL4.7, Aeolian dust, initiator, player, and recorder of environmental change (co-organized), **10:30–17:00** in **Room 11**
	CL4.9/AS1.4, Synoptic climatology – methods and applications (co-organized), **10:30–12:00** in **Room 13**
	OS1.2, The North Atlantic: natural variability and global change (co-listed), **08:30–17:00** in **Room 12**
	OS5.1/AS1.8, Internal Gravity Waves (co-organized), **08:30–12:00** in **Room 7**
	PSD10.11, AS4.5/BG2.17/CL2.6 - Vegetation-Atmosphere Interactions: From Emission to Atmospheric Particles and Climate, **10:30–11:15** in **Room SM2**
TH3, 13:30–15:00	**AS1.5**, Clouds, Aerosols and Radiation (General Session)/High Resolution Cloud Models, **10:30–17:00** in **Room 10**
	AS1.12, Dynamics and chemistry of the upper troposphere and stratosphere: observations and models, **10:30–17:00** in **Room 14**
	AS4.13/CL4.7, Aeolian dust, initiator, player, and recorder of environmental change (co-organized), **10:30–17:00** in **Room 11**
	HS7.4/AS4.17/CL2.10, Climate, Hydrology and Water Infrastructure (co-organized), **13:30–17:00** in **Room 33**
	NP6.3/AS2.4, Turbulence in the Atmosphere (co-organized), **13:30–15:15** in **Room 17**
	OS1.2, The North Atlantic: natural variability and global change (co-listed), **08:30–17:00** in **Room 12**
	PS2.5/AS4.18, Atmospheres of Terrestrial Planets (co-organized), **13:30–17:15** in **Room 32**
	PSD9.8, CL4.9/AS1.4 - Synoptic climatology methods and applications, **13:30–14:15** in **Room 40**
TH4, 15:30–17:00	**AS1.5**, Clouds, Aerosols and Radiation (General Session)/High Resolution Cloud Models, **10:30–17:00** in **Room 10**
	AS1.12, Dynamics and chemistry of the upper troposphere and stratosphere: observations and models, **10:30–17:00** in **Room 14**
	AS4.13/CL4.7, Aeolian dust, initiator, player, and recorder of environmental change (co-organized), **10:30–17:00** in **Room 11**
	HS7.4/AS4.17/CL2.10, Climate, Hydrology and Water Infrastructure (co-organized), **13:30–17:00** in **Room 33**
	OS1.2, The North Atlantic: natural variability and global change (co-listed), **08:30–17:00** in **Room 12**
	PS1.2/AS4.21/ST6.1, Polarimetry as an invaluable tool to study the Solar System and beyond. (co-organized), **15:30–17:15** in **Room 28**
	PS2.5/AS4.18, Atmospheres of Terrestrial Planets (co-organized), **13:30–17:15** in **Room 32**
	PSD10.1, AS1.2 - Numerical weather prediction, data assimilation and ensemble forecasting, **15:30–16:15** in **Room 35**

Friday, 27 April

FR1, 08:30–10:00	**AS1.2**, Numerical weather prediction, data assimilation and ensemble forecasting, **08:30–15:00** in **Room 14**
	AS3.7, Air Pollution Modelling, **08:30–12:00** in **Room 10**
	AS3.9, Polar Ozone and Polar Stratospheric Clouds, **08:30–12:00** in **Room 11**
	CL4.4, Modern and Palaeomonsoon (co-listed), **08:30–10:00** in **Room 13**
	HS7.2/AS1.20/CL5.16/NH1.3/NP3.6, Precipitation uncertainty and variability: observations, ensemble simulation and downscaling (co-organized), **08:30–17:00** in **Room 33**
FR2, 10:30–12:00	**AS1.2**, Numerical weather prediction, data assimilation and ensemble forecasting, **08:30–15:00** in **Room 14**
	AS3.7, Air Pollution Modelling, **08:30–12:00** in **Room 10**
	AS3.9, Polar Ozone and Polar Stratospheric Clouds, **08:30–12:00** in **Room 11**
	HS7.2/AS1.20/CL5.16/NH1.3/NP3.6, Precipitation uncertainty and variability: observations, ensemble simulation and downscaling (co-organized), **08:30–17:00** in **Room 33**
FR3, 13:30–15:00	**AS1.2**, Numerical weather prediction, data assimilation and ensemble forecasting, **08:30–15:00** in **Room 14**
	AS1.11, Dynamical coupling between the stratosphere and the troposphere, **13:30–17:00** in **Room 11**
	AS3.4, Cloud-Aerosol-Precipitation Interactions, **13:30–17:00** in **Room 10**
	CL4.6/AS1.15/OS1.7, Tropical Climate Variability and Teleconnections: past, present and future (co-organized), **13:30–17:00** in **Room 16**
	HS7.2/AS1.20/CL5.16/NH1.3/NP3.6, Precipitation uncertainty and variability: observations, ensemble simulation and downscaling (co-organized), **08:30–17:00** in **Room 33**
FR4, 15:30–17:00	**AS1.11**, Dynamical coupling between the stratosphere and the troposphere, **13:30–17:00** in **Room 11**
	AS3.4, Cloud-Aerosol-Precipitation Interactions, **13:30–17:00** in **Room 10**
	CL4.6/AS1.15/OS1.7, Tropical Climate Variability and Teleconnections: past, present and future (co-organized), **13:30–17:00** in **Room 16**
	HS7.2/AS1.20/CL5.16/NH1.3/NP3.6, Precipitation uncertainty and variability: observations, ensemble simulation and downscaling (co-organized), **08:30–17:00** in **Room 33**

AS – Atmospheric Sciences – Poster Sessions

Monday, 23 April	
MO1, 08:30–10:00	**PSD14.3**, GI2.1/AS4.6 - Atmospheric and Meteorological Instrumentation, **08:30–09:15** in **Room 40**
MO2, 10:30–12:00	**PSD10.2**, AS1.10 - The global monsoon system: variability and dynamics, **10:30–11:15** in **Room 35**
MO3, 13:30–15:00	**PSD19.13**, NH7.3/AS4.3/BG2.25/ESSI1.8/NP4.6/SSS5.24 - Spatial and temporal patterns of wildfires: models, theory, and reality, **14:30–15:15** in **Room 37**
MO4, 15:30–17:00	**CL1.15**, Temperature observations in the subsurface: contributions to climate sciences, soil sciences, permafrost, glaciology, hydrology, and heat flow studies (co-listed), in **Hall Z**, **Z67–Z84**
	PSD10.4, AS3.5 - Aerosol Chemistry and Microphysics (General Session), **15:30–16:15** in **Room 35**
	PSD19.2, NH1.4/AS4.14 - Lightning: physics, detection and atmospheric effects, **15:30–16:15** in **Room 40**
MO5, 17:30–19:00	**AS1.3**, Precipitation: Measurement, Climatology, Remote Sensing, and Modeling (General Session), in **Hall X/Y**, **XY1–XY49**
	AS1.10, The global monsoon system: variability and dynamics, in **Hall X/Y**, **XY50–XY77** | Related: PSD10.2, see MO2
	AS1.14, Mid-latitude Cyclones and Storms: Diagnostics of Observed and Future Trends, and related Impacts, in **Hall X/Y**, **XY78–XY94**
	AS2.1, Air-Land Interactions (General Session) (co-sponsored by iLEAPS), in **Hall X/Y**, **XY95–XY122** | Related: PSD10.5, see MO6
	AS2.2/OS5.3, Turbulence in the atmospheric and oceanic boundary layers (co-organized), in **Hall X/Y**, **XY123–XY143**
	AS2.3, Boundary Layers in High Latitudes: Physical and Chemical Processes Including Atmosphere-Ice Chemical Interactions (AICI), in **Hall X/Y**, **XY144–XY158** | Related: PSD10.6, see MO6
	AS3.6, Megacities: Air Quality and Climate Impacts from Local to Global Scales, in **Hall X/Y**, **XY159–XY194**
	ERE1.8, Aspects of Biomass utilization from Forests and other Resources (co-listed), in **Hall XL**, **XL95–XL113** | Related: PSD6.8, see MO4
	NH1.4/AS4.14, Lightning: physics, detection and atmospheric effects (co-organized), in **Hall X/Y**, **XY195–XY219** | Related: PSD19.2, see MO4
	NH7.3/AS4.3/BG2.25/ESSI1.8/NP4.6/SSS5.24, Spatial and temporal patterns of wildfires: models, theory, and reality (co-organized), in **Hall X/Y**, **XY281–XY309** | Related: PSD19.13, see MO3
MO6, 19:00–20:00	**PSD10.5**, AS2.1 - Air-Land Interactions (General Session) (co-sponsored by iLEAPS), **19:15–20:00** in **Room 35**
	PSD10.6, AS2.3 - Boundary Layers in High Latitudes: Physical and Chemical Processes Including Atmosphere-Ice Chemical Interactions (AICI), **19:00–19:45** in **Room 37**
Tuesday, 24 April	
TU2, 10:30–12:00	**PSD10.8**, AS4.4/BG2.16 - Boreal forest chemistry and physics, **10:30–11:15** in **Room 37**
	PSD10.10, AS4.8 - Infrasound monitoring for atmospheric studies, **10:30–11:15** in **Room 35**
TUL, 12:15–13:15	**PSD19.1**, NH1.11/AS4.16/CL2.4 - Hazard Risk Managment in Agriculture and Agroecosystems, **12:15–13:00** in **Room 35**

TU5, 17:30–19:00	**AS1.21**, Quantitative precipitation forecasting in complex terrain: Results of the Convective and Orographically-induced Precipitation Study (COPS) and other campaigns (co-sponsored by the World Weather Research Program of the WMO), in **Hall X/Y**, **XY1–XY14**
	AS3.3, Atmospheric Ice Particles, in **Hall X/Y**, **XY15–XY31**
	AS3.5, Aerosol Chemistry and Microphysics (General Session), in **Hall X/Y**, **XY32–XY61** | Related: PSD10.4, see MO4
	AS3.10, Satellite observations of tropospheric composition and pollution, analyses with models and applications, in **Hall X/Y**, **XY62–XY92**
	AS3.11, Remote-Sensing of Atmospheric Carbon Dioxide and Methane, in **Hall X/Y**, **XY93–XY121**
	AS4.4/BG2.16, Boreal forest chemistry and physics (co-organized), in **Hall X/Y**, **XY122–XY137** | Related: PSD10.8, see TU2
	AS4.8, Infrasound monitoring for atmospheric studies, in **Hall X/Y**, **XY138–XY159** | Related: PSD10.10, see TU2
	AS4.10, Integrated physical and chemical weather modelling with two-way interactions, in **Hall X/Y**, **XY160–XY167**
	CL1.16/AS4.1/BG2.12/IG15, Biogeochemistry of Atmospheric Methane: Isotopes to Models (co-organized), in **Hall Z**, **Z31–Z42**
	GI2.1/AS4.6, Atmospheric and Meteorological Instrumentation (co-organized), in **Hall A**, **A75–A90** | Related: PSD14.3, see MO1
	GI2.5, Preparatory activities for the scientific utilisation of the GMES Sentinel satellites constellations including Cal/Val activities of their optical instruments. (co-listed), in **Hall A**, **A97–A116**
	HS4.3/AS1.18/NH1.2, Ensemble hydro-meteorological forecasting for improved risk management: across scales and applications (co-organized), in **Hall A**, **A243–A261**
	NH1.8/AS4.15/ESSI1.3/HS5.10/HS7.7, ICT-based hydrometeorology science and natural disaster societal impact assessment (co-organized), in **Hall X/Y**, **XY168–XY177**
	NH1.11/AS4.16/CL2.4, Hazard Risk Managment in Agriculture and Agroecosystems (co-organized), in **Hall X/Y**, **XY178–XY202** | Related: PSD19.1, see TUL

Wednesday, 25 April

WE1, 08:30–10:00	**PSD17.1**, PS1.2/AS4.21/ST6.1 - Polarimetry as an invaluable tool to study the Solar System and beyond., **08:30–09:15** in **Room 37**
WE3, 13:30–15:00	**PSD10.12**, AS3.2 - Halogens in the Troposphere, **13:30–14:15** in **Room SM2**
WE4, 15:30–17:00	**NH1.1/AS1.16**, Extreme meteorological and hydrological events induced by severe weather and climate change (co-organized), in **Hall X/Y**, **XY180–XY196**
	PSD5.10, SM3.1/AS4.20 - Research and Development in Nuclear Explosion Monitoring, **15:30–16:15** in **Room 37**
WE5, 17:30–19:00	**AS1.1**, Dynamical Meteorology (General Session), in **Hall X/Y**, **XY1–XY29**
	AS1.7/NP1.4, Recent Developments in Geophysical Fluid Dynamics (co-organized), in **Hall X/Y**, **XY30–XY54**
	AS1.9, Atmospheric Convection: Dynamics, Chemistry, and Vertical Transport, in **Hall X/Y**, **XY55–XY67**
	AS3.2, Halogens in the Troposphere, in **Hall X/Y**, **XY68–XY95** | Related: PSD10.12, see WE3
	AS3.8, Atmospheric composition: variability and trends, in **Hall X/Y**, **XY96–XY143**

	AS3.12, Remote Sensing of Clouds and Aerosols: Techniques and Applications, in **Hall X/Y**, **XY144–XY179**
	CL2.8/AS1.13/ST6.5, Impact of solar and geomagnetic variabilities on the Earth's lower,middle and upper atmospheres (co-organized), in **Hall Z**, **Z1–Z41**
	CL4.3, Mediterranean Climate: from past to future (co-listed), in **Hall Z**, **Z106–Z135**
	CL5.7/AS4.22/BG6.4/GM2.6, Instrumental monitoring of caves: the key to understanding anthropogenic impacts and climate-proxy relationships in speleothems (co-organized), in **Hall Z**, **Z150–Z164**
	IG3/AS4.2, Stable Isotopes in Atmospheric Research (co-organized), in **Hall A**, **A369–A387**
	NH1.1/AS1.16, Extreme meteorological and hydrological events induced by severe weather and climate change (co-organized), in **Hall X/Y**, **XY197–XY211**
	NP2.1, ENSO: Dynamics, Predictability and Modelling (co-listed), in **Hall X/Y**, **XY369–XY382**
	NP2.2/AS1.19, Nonlinear Dynamics of the Atmosphere, Ocean and the Climate System (co-organized), in **Hall X/Y**, **XY383–XY394**
	PS1.2/AS4.21/ST6.1, Polarimetry as an invaluable tool to study the Solar System and beyond. (co-organized), in **Hall X/Y**, **XY465–XY482** | Related: PSD17.1, see WE1
	PS2.5/AS4.18, Atmospheres of Terrestrial Planets (co-organized), in **Hall X/Y**, **XY501–XY515**
	SM3.1/AS4.20, Research and Development in Nuclear Explosion Monitoring (co-organized), in **Hall XL**, **XL339–XL356** | Related: PSD5.10, see WE4

Thursday, 26 April

TH2, 10:30–12:00	**AS4.5/BG2.17/CL2.6**, Vegetation-Atmosphere Interactions: From Emission to Atmospheric Particles and Climate (co-organized), in **Hall X/Y**, **XY56–XY67** | Related: PSD10.11, see TH2
	PSD10.11, AS4.5/BG2.17/CL2.6 - Vegetation-Atmosphere Interactions: From Emission to Atmospheric Particles and Climate, **10:30–11:15** in **Room SM2**
TH3, 13:30–15:00	**PSD9.8**, CL4.9/AS1.4 - Synoptic climatology methods and applications, **13:30–14:15** in **Room 40**
TH4, 15:30–17:00	**PSD10.1**, AS1.2 - Numerical weather prediction, data assimilation and ensemble forecasting, **15:30–16:15** in **Room 35**
TH5, 17:30–19:00	**AS1.12**, Dynamics and chemistry of the upper troposphere and stratosphere: observations and models, in **Hall X/Y**, **XY1–XY36**
	AS3.1, Gas Phase Composition and Reactivity (including HOx, NOx), in **Hall X/Y**, **XY37–XY55**
	AS4.13/CL4.7, Aeolian dust, initiator, player, and recorder of environmental change (co-organized), in **Hall X/Y**, **XY68–XY109**
	CL2.3, Urban climate, urban heat island and urban biometeorology (co-listed), in **Hall X/Y**, **XY145–XY164**
	CL4.9/AS1.4, Synoptic climatology – methods and applications (co-organized), in **Hall X/Y**, **XY229–XY246** | Related: PSD9.8, see TH3
	HS7.2/AS1.20/CL5.16/NH1.3/NP3.6, Precipitation uncertainty and variability: observations, ensemble simulation and downscaling (co-organized), in **Hall A**, **A104–A138**

	NP6.3/AS2.4, Turbulence in the Atmosphere (co-organized), in **Hall X/Y**, **XY670–XY683**
Friday, 27 April	
FR1, 08:30–10:00	**AS1.5**, Clouds, Aerosols and Radiation (General Session)/High Resolution Cloud Models, in **Hall X/Y**, **XY44–XY78**
FR2, 10:30–12:00	**AS1.11**, Dynamical coupling between the stratosphere and the troposphere, in **Hall X/Y**, **XY79–XY91**
	AS3.4, Cloud-Aerosol-Precipitation Interactions, in **Hall X/Y**, **XY92–XY109**
	CL4.6/AS1.15/OS1.7, Tropical Climate Variability and Teleconnections: past, present and future (co-organized), in **Hall Z**, **Z81–Z108**
	HS7.4/AS4.17/CL2.10, Climate, Hydrology and Water Infrastructure (co-organized), in **Hall A**, **A191–A212**
	OS1.2, The North Atlantic: natural variability and global change (co-listed), in **Hall X/Y**, **XY311–XY350** | Related: PSD7.16, see FR1
	OS5.1/AS1.8, Internal Gravity Waves (co-organized), in **Hall X/Y**, **XY392–XY409**
FR3, 13:30–15:00	**CL4.4**, Modern and Palaeomonsoon (co-listed), in **Hall Z**, **Z64–Z80**
FR4, 15:30–17:00	**AS1.2**, Numerical weather prediction, data assimilation and ensemble forecasting, in **Hall X/Y**, **XY1–XY43** | Related: PSD10.1, see TH4
	AS3.7, Air Pollution Modelling, in **Hall X/Y**, **XY110–XY138**
	AS3.9, Polar Ozone and Polar Stratospheric Clouds, in **Hall X/Y**, **XY139–XY154**