AS – Atmospheric Sciences – Orals and PICOs

Monday, 08 April	
MO1, 08:30–10:00	**AS1.1**, Numerical weather prediction, data assimilation and ensemble forecasting, **08:30–17:00**, **Room B14**
	AS2.2, Turbulence in the atmospheric and oceanic boundary layers, **08:30–12:00**, **Room B15**
	AS4.1/GI2.10, Aircraft-based observation of the atmosphere and atmosphere-surface exchange processes (co-organized), **08:30–12:00**, **Room B16**
	AS4.6, Integrated physical and chemical weather modelling with two-way interactions, **08:30–10:15**, **Room B10**
	CL2.1, Urban climate, urban heat island and urban biometeorology (co-listed), **08:30–12:00**, **Room Y8**
	GI2.1/AS4.2, Atmospheric and Meteorological Instrumentation (co-organized), **08:30–12:00**, **Room G1**
	HS1.2, Data & Models, Induction & Prediction, Information & Uncertainty: Towards a common framework for model building and predictions in the Geosciences (co-listed), **08:30–12:00**, **Room R4**
	NP4.1, Time Series Analysis in the Geosciences - Concepts, Methods and Applications (co-listed), **08:30–12:15**, **Room Y5**
	SM1.2/AS4.13, Research and Development in Nuclear Explosion Monitoring (co-organized), **08:30–10:00**, **Room B5**
	SSS7.2/AS4.15/BG2.20/CL2.8/NH8.4, Soils and Human Health (co-organized), **08:30–10:15**, **Room B8**
MO2, 10:30–12:00	**AS1.1**, Numerical weather prediction, data assimilation and ensemble forecasting, **08:30–17:00**, **Room B14**
	AS2.2, Turbulence in the atmospheric and oceanic boundary layers, **08:30–12:00**, **Room B15**
	AS3.6, Megacities: Air Quality and Climate Impacts from Local to Global Scales, **10:30–17:00**, **Room B10**
	AS3.11, Polar Ozone and Polar Stratospheric Clouds, **10:30–12:15**, **Room PICO Spot 3**
	AS4.1/GI2.10, Aircraft-based observation of the atmosphere and atmosphere-surface exchange processes (co-organized), **08:30–12:00**, **Room B16**
	CL2.1, Urban climate, urban heat island and urban biometeorology (co-listed), **08:30–12:00**, **Room Y8**
	GI2.1/AS4.2, Atmospheric and Meteorological Instrumentation (co-organized), **08:30–12:00**, **Room G1**
	HS1.2, Data & Models, Induction & Prediction, Information & Uncertainty: Towards a common framework for model building and predictions in the Geosciences (co-listed), **08:30–12:00**, **Room R4**
	NP4.1, Time Series Analysis in the Geosciences - Concepts, Methods and Applications (co-listed), **08:30–12:15**, **Room Y5**
	PSD11.2, SM1.2/AS4.13 - Research and Development in Nuclear Explosion Monitoring, **10:30–11:15**, **Room B7**
MOL, 12:15–13:15	**PSD13.3**, AS2.2 - Turbulence in the atmospheric and oceanic boundary layers, **12:15–13:00**, **Room R7**
MO3, 13:30–15:00	**AS1.1**, Numerical weather prediction, data assimilation and ensemble forecasting, **08:30–17:00**, **Room B14**
	AS2.4, Boundary Layers in High Latitudes: Physical and Chemical Processes Including Atmosphere-Ice Chemical Interactions (AICI), **13:30–17:15**, **Room B15**
	AS3.6, Megacities: Air Quality and Climate Impacts from Local to Global Scales, **10:30–17:00**, **Room B10**

	AS3.11, Polar Ozone and Polar Stratospheric Clouds, **13:30–17:00**, **Room B16**
	HS1.2, Data & Models, Induction & Prediction, Information & Uncertainty: Towards a common framework for model building and predictions in the Geosciences (co-listed), **13:30–17:00**, **Room PICO Spot 1**
	HS1.4, Patterns in Soil-Vegetation-Atmosphere Systems: Monitoring, Modelling, and Data Assimilation (co-listed), **13:30–17:00**, **Room R8**
	NP2.2/AS1.17/CL5.12/OS5.8, Nonlinear Dynamics of the Atmosphere, Ocean and the Climate System (co-organized), **13:30–15:15**, **Room Y10**
	OS5.2, Surface Waves and Wave-Coupled Effects in Lower Atmosphere and Upper Ocean (co-listed), **13:30–17:00**, **Room Y2**
MO4, 15:30–17:00	**AS1.1**, Numerical weather prediction, data assimilation and ensemble forecasting, **08:30–17:00**, **Room B14**
	AS2.4, Boundary Layers in High Latitudes: Physical and Chemical Processes Including Atmosphere-Ice Chemical Interactions (AICI), **13:30–17:15**, **Room B15**
	AS3.6, Megacities: Air Quality and Climate Impacts from Local to Global Scales, **10:30–17:00**, **Room B10**
	AS3.11, Polar Ozone and Polar Stratospheric Clouds, **13:30–17:00**, **Room B16**
	HS1.2, Data & Models, Induction & Prediction, Information & Uncertainty: Towards a common framework for model building and predictions in the Geosciences (co-listed), **13:30–17:00**, **Room PICO Spot 1**
	HS1.4, Patterns in Soil-Vegetation-Atmosphere Systems: Monitoring, Modelling, and Data Assimilation (co-listed), **13:30–17:00**, **Room R8**
	HS7.1/AS1.5/NH1.2, Precipitation: from measurement to modelling and application in catchment hydrology (co-organized), **15:30–17:00**, **Room R1**
	OS5.2, Surface Waves and Wave-Coupled Effects in Lower Atmosphere and Upper Ocean (co-listed), **13:30–17:00**, **Room Y2**
	PSD1.5, GI2.7/AS4.18/CL5.10/CR1.4/ESSI1.6 - Taking the temperature of the Earth: Temperature Variability and Change across all Domains of Earth's Surface, **15:30–16:15**, **Room R5**

Tuesday, 09 April

TU1, 08:30–10:00	**AS1.11**, The global monsoon system: variability and dynamics, **08:30–15:00**, **Room B10**
	AS1.14, Dynamical coupling between the stratosphere and the troposphere, **08:30–10:00**, **Room B16**
	AS3.8, Atmospheric composition variability from diurnal to decadal scale, **08:30–17:00**, **Room B14**
	AS4.8/NH1.5, High Energy Radiation from Thunderstorms and Lightning. (co-organized), **08:30–12:00**, **Room B15**
	GI1.4/SSS6.11, From Chernobyl to Fukushima: Development of the Geoscientists' Knowledgebase (co-listed), **08:30–12:00**, **Room PICO Spot 1**
	HS7.1/AS1.5/NH1.2, Precipitation: from measurement to modelling and application in catchment hydrology (co-organized), **08:30–10:00**, **Room R1**
	PSD23.1, PS1.2/AS4.19 - Polarimetry as an invaluable tool to study the Solar System and beyond, **08:30–09:15**, **Room R12**
TU2, 10:30–12:00	**AS1.11**, The global monsoon system: variability and dynamics, **08:30–15:00**, **Room B10**
	AS3.4, Cloud-Aerosol-Precipitation Interactions (including Arne Richter Award for Outstanding Young Scientists), **10:30–12:30**, **Room B16**
	AS3.8, Atmospheric composition variability from diurnal to decadal scale, **08:30–17:00**, **Room B14**

	AS4.8/NH1.5, High Energy Radiation from Thunderstorms and Lightning. (co-organized), **08:30–12:00**, **Room B15**
	GI1.4/SSS6.11, From Chernobyl to Fukushima: Development of the Geoscientists' Knowledgebase (co-listed), **08:30–12:00**, **Room PICO Spot 1**
	GI2.7/AS4.18/CL5.10/CR1.4/ESSI1.6, Taking the temperature of the Earth: Temperature Variability and Change across all Domains of Earth's Surface (co-organized), **10:30–12:00**, **Room G1**
TU3, 13:30–15:00	**AS1.2**, Dynamical Meteorology (General Session), **13:30–17:00**, **Room B15**
	AS1.11, The global monsoon system: variability and dynamics, **08:30–15:00**, **Room B10**
	AS3.3, Aerosol Chemistry and Microphysics (General Session), **13:30–17:00**, **Room B16**
	AS3.8, Atmospheric composition variability from diurnal to decadal scale, **08:30–17:00**, **Room B14**
	GI1.4/SSS6.11, From Chernobyl to Fukushima: Development of the Geoscientists' Knowledgebase (co-listed), **13:30–17:00**, **Room G1**
	HS10.4/SSS2.17, General Ecohydrology (co-listed), **13:30–17:14**, **Room R8**
TU4, 15:30–17:00	**AS1.2**, Dynamical Meteorology (General Session), **13:30–17:00**, **Room B15**
	AS1.12, African Monsoon Multidisciplinary Analysis (AMMA) - New Challenges, **15:30–17:15**, **Room B10**
	AS3.3, Aerosol Chemistry and Microphysics (General Session), **13:30–17:00**, **Room B16**
	AS3.8, Atmospheric composition variability from diurnal to decadal scale, **08:30–17:00**, **Room B14**
	GI1.4/SSS6.11, From Chernobyl to Fukushima: Development of the Geoscientists' Knowledgebase (co-listed), **13:30–17:00**, **Room G1**
	HS10.4/SSS2.17, General Ecohydrology (co-listed), **13:30–17:14**, **Room R8**

Wednesday, 10 April

WE1, 08:30–10:00	**AS1.7**, Clouds, Aerosols and Radiation (General Session), **08:30–17:00**, **Room B14**
	AS2.1, Air-Land Interactions (General Session) (co-sponsored by iLEAPS), **08:30–15:00**, **Room B15**
	AS3.5, Atmospheric Ice Particles, **08:30–12:00**, **Room B16**
	AS3.12, Satellite observations of tropospheric composition and pollution, analyses with models and applications (including Vilhelm Bjerknes Medal Lecture), **08:30–15:00**, **Room B10**
	AS4.9/NP7.2/OS5.7/SM4.3, Acoustic-gravity waves: From ocean and land to space (co-organized), **08:30–10:00**, **Room B11**
	CL4.1, Tropical Climate Variability and Teleconnections: past, present and future (co-listed), **08:30–12:00**, **Room Y8**
	GI1.4/SSS6.11, From Chernobyl to Fukushima: Development of the Geoscientists' Knowledgebase (co-listed), **08:30–12:00**, **Room G1**
	NP2.1/AS1.20/CL4.12/OS1.6, ENSO: Dynamics, Predictability and Modelling (co-organized), **08:30–12:00**, **Room Y5**
	OS5.1/AS1.18, Internal Gravity Waves (co-organized), **08:30–12:00**, **Room Y2**
	PSD13.1, AS4.11/BG2.19/NH7.3 - Impact of boreal wildfires on tropospheric chemistry, **08:30–09:15**, **Room R7**
WE2, 10:30–12:00	**AS1.7**, Clouds, Aerosols and Radiation (General Session), **08:30–17:00**, **Room B14**

	AS2.1, Air-Land Interactions (General Session) (co-sponsored by iLEAPS), **08:30–15:00**, **Room B15**
	AS3.5, Atmospheric Ice Particles, **08:30–12:00**, **Room B16**
	AS3.12, Satellite observations of tropospheric composition and pollution, analyses with models and applications (including Vilhelm Bjerknes Medal Lecture), **08:30–15:00**, **Room B10**
	BG1.6, Towards a full greenhouse gas balance of the biosphere (terrestrial & aquatic ecosystems) (co-listed), **10:30–17:00**, **Room G4**
	CL4.1, Tropical Climate Variability and Teleconnections: past, present and future (co-listed), **08:30–12:00**, **Room Y8**
	GI1.4/SSS6.11, From Chernobyl to Fukushima: Development of the Geoscientists' Knowledgebase (co-listed), **08:30–12:00**, **Room G1**
	NP2.1/AS1.20/CL4.12/OS1.6, ENSO: Dynamics, Predictability and Modelling (co-organized), **08:30–12:00**, **Room Y5**
	OS5.1/AS1.18, Internal Gravity Waves (co-organized), **08:30–12:00**, **Room Y2**
WEL, 12:15–13:15	**ML1**, Alfred Wegener Medal Lecture by Edouard Bard (co-listed), **12:15–13:15**, **Room R1**
WE3, 13:30–15:00	**AS1.7**, Clouds, Aerosols and Radiation (General Session), **08:30–17:00**, **Room B14**
	AS2.1, Air-Land Interactions (General Session) (co-sponsored by iLEAPS), **08:30–15:00**, **Room B15**
	AS3.12, Satellite observations of tropospheric composition and pollution, analyses with models and applications (including Vilhelm Bjerknes Medal Lecture), **08:30–15:00**, **Room B10**
	AS4.3/GI2.9, Infrasound and atmospheric dynamics (co-organized), **13:30–17:00**, **Room B16**
	BG1.6, Towards a full greenhouse gas balance of the biosphere (terrestrial & aquatic ecosystems) (co-listed), **10:30–17:00**, **Room G4**
	CL4.2/AS3.15/GM5.2, Aeolian dust: Initiator, Player, and Recorder of Environmental Change (co-organized), **13:30–17:00**, **Room Y8**
	HS7.2/AS1.6/CL5.13/NH1.3/NP3.8, Precipitation uncertainty and variability: observations, ensemble simulation and downscaling (co-organized), **13:30–17:00**, **Room R6**
WE4, 15:30–17:00	**AS1.7**, Clouds, Aerosols and Radiation (General Session), **08:30–17:00**, **Room B14**
	AS1.16/NP6.7/OS5.5, Recent Developments in Geophysical Fluid Dynamics (co-organized), **15:30–17:00**, **Room B15**
	AS3.13, Remote-Sensing of Atmospheric Carbon Dioxide and Methane, **15:30–17:00**, **Room B10**
	AS4.3/GI2.9, Infrasound and atmospheric dynamics (co-organized), **13:30–17:00**, **Room B16**
	AS4.11/BG2.19/NH7.3, Impact of boreal wildfires on tropospheric chemistry (co-organized), **15:30–17:00**, **Room B11**
	BG1.6, Towards a full greenhouse gas balance of the biosphere (terrestrial & aquatic ecosystems) (co-listed), **10:30–17:00**, **Room G4**
	CL4.2/AS3.15/GM5.2, Aeolian dust: Initiator, Player, and Recorder of Environmental Change (co-organized), **13:30–17:00**, **Room Y8**
	HS7.2/AS1.6/CL5.13/NH1.3/NP3.8, Precipitation uncertainty and variability: observations, ensemble simulation and downscaling (co-organized), **13:30–17:00**, **Room R6**
	NP8.2/AS1.23/NH11.1/OS5.9, Stochastic Approaches for Multiscale Modelling in Geosciences (co-organized), **15:30–17:00**, **Room Y10**

Thursday, 11 April	
TH1, 08:30–10:00	**AS1.9**, Atmospheric Convection: Dynamics, Chemistry, and Vertical Transport, **08:30–10:00**, **Room B16**
	AS3.2, Halogens in the Troposphere, **08:30–12:00**, **Room B15**
	AS3.7, Air Pollution Modelling, **08:30–15:00**, **Room B14**
	AS3.13, Remote-Sensing of Atmospheric Carbon Dioxide and Methane, **08:30–10:00**, **Room B10**
	IG4/AS4.12/BG1.4, Stable isotopes in atmospheric research (co-organized), **08:30–12:00**, **Room G7**
	NP3.2/AS4.17/GM6.6/HS7.7/SM1.7, Geocomplexity: patterns, processes, scaling and extremes in the geosciences (co-organized), **08:30–12:00**, **Room Y10**
	PSD13.2, AS3.16 - Remote Sensing of Clouds and Aerosols: Techniques and Applications, **08:30–09:15**, **Room R7**
TH2, 10:30–12:00	**AS1.10**, The evolution of convective storms: observation strategies, forecast validation, and climatologies, **10:30–12:00**, **Room B16**
	AS1.15, Dynamics and chemistry of the upper troposphere and stratosphere: observations and models, **10:30–17:00**, **Room B10**
	AS3.2, Halogens in the Troposphere, **08:30–12:00**, **Room B15**
	AS3.7, Air Pollution Modelling, **08:30–15:00**, **Room B14**
	IG4/AS4.12/BG1.4, Stable isotopes in atmospheric research (co-organized), **08:30–12:00**, **Room G7**
	NP3.2/AS4.17/GM6.6/HS7.7/SM1.7, Geocomplexity: patterns, processes, scaling and extremes in the geosciences (co-organized), **08:30–12:00**, **Room Y10**
TH3, 13:30–15:00	**AS1.13**, Mid-latitude Cyclones and Storms: Diagnostics of Observed and Future Trends, and related Impacts, **13:30–17:00**, **Room B16**
	AS1.15, Dynamics and chemistry of the upper troposphere and stratosphere: observations and models, **10:30–17:00**, **Room B10**
	AS3.7, Air Pollution Modelling, **08:30–15:00**, **Room B14**
	AS3.16, Remote Sensing of Clouds and Aerosols: Techniques and Applications, **13:30–17:00**, **Room B15**
	HS4.3/AS4.20/NH1.13, Ensemble hydro-meteorological forecasting for improved risk management: across scales and applications (co-organized), **13:30–17:00**, **Room R6**
	HS7.4/AS1.22/CL2.15, Hydrological extremes in a changing climate: Risk and impacts on water infrastructure and insurance costs (co-organized), **13:30–15:00**, **Room R13**
TH4, 15:30–17:00	**AS1.4/CL2.11/HS12.1**, Precipitation: Measurement, Climatology, Remote Sensing, and Modeling (General Session) (co-organized), **15:30–17:00**, **Room B14**
	AS1.13, Mid-latitude Cyclones and Storms: Diagnostics of Observed and Future Trends, and related Impacts, **13:30–17:00**, **Room B16**
	AS1.15, Dynamics and chemistry of the upper troposphere and stratosphere: observations and models, **10:30–17:00**, **Room B10**
	AS3.16, Remote Sensing of Clouds and Aerosols: Techniques and Applications, **13:30–17:00**, **Room B15**

	HS4.3/AS4.20/NH1.13, Ensemble hydro-meteorological forecasting for improved risk management: across scales and applications (co-organized), **13:30–17:00**, **Room R6**
	NP3.5/AS4.7/CL5.1/HS8.1.10, Geophysical Downscaling Methods (co-organized), **15:30–17:00**, **Room Y10**

Friday, 12 April

FR1, 08:30–10:00	**AS1.3**, Nowcasting and its applications, **08:30–12:00**, **Room B16**
	AS1.4/CL2.11/HS12.1, Precipitation: Measurement, Climatology, Remote Sensing, and Modeling (General Session) (co-organized), **08:30–17:00**, **Room B14**
	AS3.16, Remote Sensing of Clouds and Aerosols: Techniques and Applications, **08:30–10:00**, **Room B15**
	AS4.14/CL2.13/SSS1.10, Saharan Weather, Climate and Dust (co-organized), **08:30–12:00**, **Room B10**
	BG1.5/AS4.5, Remote Sensing Applications in the Atmospheric and Biogeosciences (co-organized), **08:30–10:00**, **Room G5**
	CL2.7, Solar forcing and coupling mechanisms in the terrestrial atmosphere (co-listed), **08:30–12:00**, **Room Y6**
FR2, 10:30–12:00	**AS1.3**, Nowcasting and its applications, **08:30–12:00**, **Room B16**
	AS1.4/CL2.11/HS12.1, Precipitation: Measurement, Climatology, Remote Sensing, and Modeling (General Session) (co-organized), **08:30–17:00**, **Room B14**
	AS3.10, Atmospheric transport of trace species and aerosols: Modeling and observations, **10:30–15:00**, **Room B15**
	AS4.14/CL2.13/SSS1.10, Saharan Weather, Climate and Dust (co-organized), **08:30–12:00**, **Room B10**
	CL2.7, Solar forcing and coupling mechanisms in the terrestrial atmosphere (co-listed), **08:30–12:00**, **Room Y6**
	G5.2/AS3.17/CL5.11, Atmospheric Water Vapour Retrieval by Space Geodetic Techniques: Present Status and New Challenges (co-organized), **10:30–12:00**, **Room R14**
	HS4.1/AS1.21/GM7.6/NH1.7, Flash floods: from observations to risk governance (co-organized), **10:30–12:00**, **Room R8**
FR3, 13:30–15:00	**AS1.4/CL2.11/HS12.1**, Precipitation: Measurement, Climatology, Remote Sensing, and Modeling (General Session) (co-organized), **08:30–17:00**, **Room B14**
	AS3.1, Gas Phase Composition and Reactivity, **13:30–17:00**, **Room B16**
	AS3.10, Atmospheric transport of trace species and aerosols: Modeling and observations, **10:30–15:00**, **Room B15**
	AS3.14, Mediterranean aerosols: from physico-chemical and optical properties to radiative and climate effects, **13:30–17:00**, **Room B10**
FR4, 15:30–17:00	**AS1.4/CL2.11/HS12.1**, Precipitation: Measurement, Climatology, Remote Sensing, and Modeling (General Session) (co-organized), **08:30–17:00**, **Room B14**
	AS3.1, Gas Phase Composition and Reactivity, **13:30–17:00**, **Room B16**
	AS3.14, Mediterranean aerosols: from physico-chemical and optical properties to radiative and climate effects, **13:30–17:00**, **Room B10**
	PS1.2/AS4.19, Polarimetry as an invaluable tool to study the Solar System and beyond (co-organized), **15:30–17:00**, **Room Y5**

AS – Atmospheric Sciences – Posters

Monday, 08 April	
MO2, 10:30–12:00	**PSD11.2**, SM1.2/AS4.13 - Research and Development in Nuclear Explosion Monitoring, **10:30–11:15**, **Room B7**
MOL, 12:15–13:15	**PSD13.3**, AS2.2 - Turbulence in the atmospheric and oceanic boundary layers, **12:15–13:00**, **Room R7**
MO3, 13:30–15:00	**SM1.2/AS4.13**, Research and Development in Nuclear Explosion Monitoring (co-organized), **Blue Posters**, **B111–B132** | Related: PSD11.2, see MO2
MO4, 15:30–17:00	**PSD1.5**, GI2.7/AS4.18/CL5.10/CR1.4/ESSI1.6 - Taking the temperature of the Earth: Temperature Variability and Change across all Domains of Earth's Surface, **15:30–16:15**, **Room R5**
MO5, 17:30–19:00	**AS1.1**, Numerical weather prediction, data assimilation and ensemble forecasting, **Yellow Posters**, **Z1–Z41**
	AS2.2, Turbulence in the atmospheric and oceanic boundary layers, **Yellow Posters**, **Z42–Z65** | Related: PSD13.3, see MOL
	AS2.4, Boundary Layers in High Latitudes: Physical and Chemical Processes Including Atmosphere-Ice Chemical Interactions (AICI), **Yellow Posters**, **Z66–Z88**
	AS3.6, Megacities: Air Quality and Climate Impacts from Local to Global Scales, **Yellow Posters**, **Z89–Z123**
	AS4.1/GI2.10, Aircraft-based observation of the atmosphere and atmosphere-surface exchange processes (co-organized), **Yellow Posters**, **Z124–Z138**
	AS4.6, Integrated physical and chemical weather modelling with two-way interactions, **Yellow Posters**, **Z139–Z147**
	CL2.1, Urban climate, urban heat island and urban biometeorology (co-listed), **Yellow Posters**, **Z192–Z211**
	GI2.1/AS4.2, Atmospheric and Meteorological Instrumentation (co-organized), **Red Posters**, **R129–R149**
	GI2.7/AS4.18/CL5.10/CR1.4/ESSI1.6, Taking the temperature of the Earth: Temperature Variability and Change across all Domains of Earth's Surface (co-organized), **Red Posters**, **R150–R166** | Related: PSD1.5, see MO4
	HS1.4, Patterns in Soil-Vegetation-Atmosphere Systems: Monitoring, Modelling, and Data Assimilation (co-listed), **Red Posters**, **R216–R229**
	OS5.2, Surface Waves and Wave-Coupled Effects in Lower Atmosphere and Upper Ocean (co-listed), **Blue Posters**, **B774–B797**
	SSS7.2/AS4.15/BG2.20/CL2.8/NH8.4, Soils and Human Health (co-organized), **Blue Posters**, **B605–B624**
Tuesday, 09 April	
TU1, 08:30–10:00	**PSD23.1**, PS1.2/AS4.19 - Polarimetry as an invaluable tool to study the Solar System and beyond, **08:30–09:15**, **Room R12**
TU5, 17:30–19:00	**AS1.2**, Dynamical Meteorology (General Session), **Yellow Posters**, **Z1–Z25**
	AS1.11, The global monsoon system: variability and dynamics, **Yellow Posters**, **Z26–Z53**
	AS1.12, African Monsoon Multidisciplinary Analysis (AMMA) - New Challenges, **Yellow Posters**, **Z54–Z73**
	AS3.3, Aerosol Chemistry and Microphysics (General Session), **Yellow Posters**, **Z74–Z101**

	AS3.4, Cloud-Aerosol-Precipitation Interactions (including Arne Richter Award for Outstanding Young Scientists), **Yellow Posters**, **Z102–Z114**
	AS3.8, Atmospheric composition variability from diurnal to decadal scale, **Yellow Posters**, **Z115–Z163**
	AS4.8/NH1.5, High Energy Radiation from Thunderstorms and Lightning. (co-organized), **Yellow Posters**, **Z164–Z179**
	HS7.1/AS1.5/NH1.2, Precipitation: from measurement to modelling and application in catchment hydrology (co-organized), **Red Posters**, **R287–R314**
	HS10.4/SSS2.17, General Ecohydrology (co-listed), **Red Posters**, **R380–R394**
	NP4.1, Time Series Analysis in the Geosciences - Concepts, Methods and Applications (co-listed), **Blue Posters**, **B940–B955**

Wednesday, 10 April

WE1, 08:30–10:00	**PSD13.1**, AS4.11/BG2.19/NH7.3 - Impact of boreal wildfires on tropospheric chemistry, **08:30–09:15**, **Room R7**
WE5, 17:30–19:00	**AS1.7**, Clouds, Aerosols and Radiation (General Session), **Yellow Posters**, **Z1–Z42**
	AS1.16/NP6.7/OS5.5, Recent Developments in Geophysical Fluid Dynamics (co-organized), **Yellow Posters**, **Z43–Z62**
	AS2.1, Air-Land Interactions (General Session) (co-sponsored by iLEAPS), **Yellow Posters**, **Z63–Z97**
	AS3.5, Atmospheric Ice Particles, **Yellow Posters**, **Z98–Z124**
	AS3.12, Satellite observations of tropospheric composition and pollution, analyses with models and applications (including Vilhelm Bjerknes Medal Lecture), **Yellow Posters**, **Z125–Z152**
	AS3.13, Remote-Sensing of Atmospheric Carbon Dioxide and Methane, **Yellow Posters**, **Z153–Z170**
	AS4.3/GI2.9, Infrasound and atmospheric dynamics (co-organized), **Yellow Posters**, **Z171–Z189**
	AS4.9/NP7.2/OS5.7/SM4.3, Acoustic-gravity waves: From ocean and land to space (co-organized), **Yellow Posters**, **Z190–Z207**
	AS4.11/BG2.19/NH7.3, Impact of boreal wildfires on tropospheric chemistry (co-organized), **Yellow Posters**, **Z208–Z224** | Related: PSD13.1, see WE1
	BG1.6, Towards a full greenhouse gas balance of the biosphere (terrestrial & aquatic ecosystems) (co-listed), **Green Posters**, **G1–G22**
	CL4.1, Tropical Climate Variability and Teleconnections: past, present and future (co-listed), **Yellow Posters**, **Z303–Z321**
	CL4.2/AS3.15/GM5.2, Aeolian dust: Initiator, Player, and Recorder of Environmental Change (co-organized), **Yellow Posters**, **Z322–Z347**
	HS7.2/AS1.6/CL5.13/NH1.3/NP3.8, Precipitation uncertainty and variability: observations, ensemble simulation and downscaling (co-organized), **Red Posters**, **R259–R284**
	NP2.1/AS1.20/CL4.12/OS1.6, ENSO: Dynamics, Predictability and Modelling (co-organized), **Blue Posters**, **B788–B803**
	NP2.2/AS1.17/CL5.12/OS5.8, Nonlinear Dynamics of the Atmosphere, Ocean and the Climate System (co-organized), **Blue Posters**, **B804–B821**
	NP8.2/AS1.23/NH11.1/OS5.9, Stochastic Approaches for Multiscale Modelling in Geosciences (co-organized), **Blue Posters**, **B822–B830**
	OS5.1/AS1.18, Internal Gravity Waves (co-organized), **Blue Posters**, **B769–B787**

Thursday, 11 April	
TH1, 08:30–10:00	**PSD13.2**, AS3.16 - Remote Sensing of Clouds and Aerosols: Techniques and Applications, **08:30–09:15**, **Room R7**
TH5, 17:30–19:00	**AS1.4/CL2.11/HS12.1**, Precipitation: Measurement, Climatology, Remote Sensing, and Modeling (General Session) (co-organized), **Blue Posters**, **B797–B862**
	AS1.9, Atmospheric Convection: Dynamics, Chemistry, and Vertical Transport, **Blue Posters**, **B863–B881**
	AS1.15, Dynamics and chemistry of the upper troposphere and stratosphere: observations and models, **Blue Posters**, **B882–B915**
	AS3.2, Halogens in the Troposphere, **Blue Posters**, **B916–B945**
	AS3.7, Air Pollution Modelling, **Blue Posters**, **B946–B985**
	HS4.3/AS4.20/NH1.13, Ensemble hydro-meteorological forecasting for improved risk management: across scales and applications (co-organized), **Red Posters**, **R274–R297**
	HS7.4/AS1.22/CL2.15, Hydrological extremes in a changing climate: Risk and impacts on water infrastructure and insurance costs (co-organized), **Red Posters**, **R390–R405**
	IG4/AS4.12/BG1.4, Stable isotopes in atmospheric research (co-organized), **Yellow Posters**, **Z257–Z278**
	NP3.2/AS4.17/GM6.6/HS7.7/SM1.7, Geocomplexity: patterns, processes, scaling and extremes in the geosciences (co-organized), **Blue Posters**, **B681–B696**
	NP3.5/AS4.7/CL5.1/HS8.1.10, Geophysical Downscaling Methods (co-organized), **Blue Posters**, **B697–B709**
Friday, 12 April	
FR1, 08:30–10:00	**AS1.13**, Mid-latitude Cyclones and Storms: Diagnostics of Observed and Future Trends, and related Impacts, **Yellow Posters**, **Z40–Z56**
	AS1.14, Dynamical coupling between the stratosphere and the troposphere, **Yellow Posters**, **Z57–Z69**
	AS3.1, Gas Phase Composition and Reactivity, **Yellow Posters**, **Z70–Z93**
	AS3.10, Atmospheric transport of trace species and aerosols: Modeling and observations, **Yellow Posters**, **Z94–Z111**
	AS3.14, Mediterranean aerosols: from physico-chemical and optical properties to radiative and climate effects, **Yellow Posters**, **Z112–Z138**
FR2, 10:30–12:00	**AS3.16**, Remote Sensing of Clouds and Aerosols: Techniques and Applications, **Yellow Posters**, **Z139–Z174** | Related: PSD13.2, see TH1
FR3, 13:30–15:00	**AS1.3**, Nowcasting and its applications, **Yellow Posters**, **Z1–Z21**
	AS1.10, The evolution of convective storms: observation strategies, forecast validation, and climatologies, **Yellow Posters**, **Z22–Z39**
	AS4.14/CL2.13/SSS1.10, Saharan Weather, Climate and Dust (co-organized), **Yellow Posters**, **Z175–Z199**
	CL2.7, Solar forcing and coupling mechanisms in the terrestrial atmosphere (co-listed), **Yellow Posters**, **Z212–Z232**
	G5.2/AS3.17/CL5.11, Atmospheric Water Vapour Retrieval by Space Geodetic Techniques: Present Status and New Challenges (co-organized), **Red Posters**, **R11–R24**

	HS4.1/AS1.21/GM7.6/NH1.7, Flash floods: from observations to risk governance (co-organized), **Red Posters**, **R248–R267**
	PS1.2/AS4.19, Polarimetry as an invaluable tool to study the Solar System and beyond (co-organized), **Red Posters**, **R41–R49** | Related: PSD23.1, see TU1
FR5, 17:30–19:00	**BG1.5/AS4.5**, Remote Sensing Applications in the Atmospheric and Biogeosciences (co-organized), **Green Posters**, **G12–G28**