NP – Nonlinear Processes in Geophysics – Orals and PICOs

Monday, 08 April	
MO1, 08:30–10:00	**NP4.1**, Time Series Analysis in the Geosciences - Concepts, Methods and Applications, **08:30–12:15**, **Room Y5**
MO2, 10:30–12:00	**NP4.1**, Time Series Analysis in the Geosciences - Concepts, Methods and Applications, **08:30–12:15**, **Room Y5**
	PSD7.3, CL5.7/NP8.1 - Stochasticity and Statistical Physics in Climate Dynamics, **10:30–11:15**, **Room B4**
MO3, 13:30–15:00	**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**
MO4, 15:30–17:00	**CL5.7/NP8.1**, Stochasticity and Statistical Physics in Climate Dynamics (co-organized), **15:30–17:00**, **Room Y8**
	HS7.1/AS1.5/NH1.2, Precipitation: from measurement to modelling and application in catchment hydrology (co-listed), **15:30–17:00**, **Room R1**
	NP2.4/CL5.14/ESSI2.10, Complex networks and data-driven knowledge discovery in geophysical systems (co-organized), **15:30–17:15**, **Room Y10**
MO5, 17:30–19:00	**SC1/NP1.5**, Short Course: Tipping Points in the Geosciences (co-organized), **17:30–20:00**, **Room G10**
MO6, 19:00–20:00	**SC1/NP1.5**, Short Course: Tipping Points in the Geosciences (co-organized), **17:30–20:00**, **Room G10**
Tuesday, 09 April	
TU1, 08:30–10:00	**HS7.1/AS1.5/NH1.2**, Precipitation: from measurement to modelling and application in catchment hydrology (co-listed), **08:30–10:00**, **Room R1**
	NP3.1, Scaling in atmospheric, terrestrial, oceanic and biogeophysical processes, **08:30–12:00**, **Room Y5**
TU2, 10:30–12:00	**HS7.3/CL2.12/NP1.4**, Water, climate and health (co-organized), **10:30–17:00**, **Room R1**
	NP3.1, Scaling in atmospheric, terrestrial, oceanic and biogeophysical processes, **08:30–12:00**, **Room Y5**
TU3, 13:30–15:00	**HS7.3/CL2.12/NP1.4**, Water, climate and health (co-organized), **10:30–17:00**, **Room R1**
	NP4.2, Satellite Time Series Analysis, **13:30–15:15**, **Room Y10**
TU4, 15:30–17:00	**HS7.3/CL2.12/NP1.4**, Water, climate and health (co-organized), **10:30–17:00**, **Room R1**
	NP1.1, Advances and Challenges in Nonlinear Geosciences (including Lewis Fry Richardson Medal Lecture and Outstandig Young Scientist Lecture), **15:30–17:15**, **Room Y5**
TU5, 17:30–19:00	**PSD3.1**, NP5.1 - Inverse Problems and Data Assimilation in Geosciences, **17:30–18:15**, **Room R7**
	SC3/NP1.7, Short Course: Predictability in Theory and Predictability in Practice (co-organized), **17:30–20:00**, **Room G10**
TU6, 19:00–20:00	**SC3/NP1.7**, Short Course: Predictability in Theory and Predictability in Practice (co-organized), **17:30–20:00**, **Room G10**
Wednesday, 10 April	
WE1, 08:30–10:00	**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**
	CL3.2/NH1.12/NP5.3, Decadal, seasonal and monthly climate predictions (co-organized), **08:30–15:00**, **Room Y9**

	NP2.1/AS1.20/CL4.12/OS1.6, ENSO: Dynamics, Predictability and Modelling (co-organized), **08:30–12:00**, **Room Y5**
WE2, 10:30–12:00	**CL3.2/NH1.12/NP5.3**, Decadal, seasonal and monthly climate predictions (co-organized), **08:30–15:00**, **Room Y9**
	NH5.7/NP4.5/OS2.7, Statistical methods and probability: applications to coastal engineering, ocean sciences, extreme events, damage and risk (co-organized), **10:30–12:00**, **Room G7**
	NP2.1/AS1.20/CL4.12/OS1.6, ENSO: Dynamics, Predictability and Modelling (co-organized), **08:30–12:00**, **Room Y5**
WE3, 13:30–15:00	**CL3.2/NH1.12/NP5.3**, Decadal, seasonal and monthly climate predictions (co-organized), **08:30–15:00**, **Room Y9**
	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**
	NP3.3, Subgrid modeling and parameterization in nonlinear geosystems, **13:30–15:00**, **Room Y10**
	NP5.1, Inverse Problems and Data Assimilation in Geosciences, **13:30–17:15**, **Room Y5**
	PSD20.12, NH5.7/NP4.5/OS2.7 - Statistical methods and probability: applications to coastal engineering, ocean sciences, extreme events, damage and risk, **13:30–14:15**, **Room R5**
WE4, 15:30–17:00	**AS1.16/NP6.7/OS5.5**, Recent Developments in Geophysical Fluid Dynamics (co-organized), **15:30–17:00**, **Room B15**
	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**
	NP5.1, Inverse Problems and Data Assimilation in Geosciences, **13:30–17:15**, **Room Y5**
	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	**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**
TH2, 10:30–12:00	**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	**NP3.3**, Subgrid modeling and parameterization in nonlinear geosystems, **13:30–15:00**, **Room PICO Spot 5**
	NP5.2, Error growth dynamics and related predictability problems, **13:30–15:00**, **Room Y10**
TH4, 15:30–17:00	**HS7.5/NP8.4**, Hydroclimatic stochastics (co-organized), **15:30–17:00**, **Room R13**
	NP3.5/AS4.7/CL5.1/HS8.1.10, Geophysical Downscaling Methods (co-organized), **15:30–17:00**, **Room Y10**
TH5, 17:30–19:00	**SC2/NP1.6**, Short Course: Nonlinear Time Series Analysis (co-organized), **17:30–20:00**, **Room G10**
TH6, 19:00–20:00	**SC2/NP1.6**, Short Course: Nonlinear Time Series Analysis (co-organized), **17:30–20:00**, **Room G10**
Friday, 12 April	

FR1, 08:30–10:00	**NP6.1/OS5.6**, Mixing, Diffusion and Lagrangian transport in Geophysical Flows (co-organized), **08:30–10:00**, **Room Y5**
	NP7.1/OS5.3, Surface and internal waves, wind-wave-current interactions (co-organized), **08:30–10:00**, **Room Y10**
FR2, 10:30–12:00	**NP6.2**, Turbulence, Vortices and Waves in Stratified and Rotating Fluids, **10:30–12:15**, **Room Y5**
FR3, 13:30–15:00	**NP6.3**, Turbulence in the Atmosphere, **13:30–15:00**, **Room Y5**

NP – Nonlinear Processes in Geophysics – Posters

Monday, 08 April	
MO2, 10:30–12:00	**CL5.7/NP8.1**, Stochasticity and Statistical Physics in Climate Dynamics (co-organized), **Yellow Posters**, **Z240–Z253** | Related: PSD7.3, see MO2
	PSD7.3, CL5.7/NP8.1 - Stochasticity and Statistical Physics in Climate Dynamics, **10:30–11:15**, **Room B4**
MO5, 17:30–19:00	**NP2.4/CL5.14/ESSI2.10**, Complex networks and data-driven knowledge discovery in geophysical systems (co-organized), **Blue Posters**, **B798–B813**
Tuesday, 09 April	
TU5, 17:30–19:00	**HS7.1/AS1.5/NH1.2**, Precipitation: from measurement to modelling and application in catchment hydrology (co-listed), **Red Posters**, **R287–R314**
	HS7.3/CL2.12/NP1.4, Water, climate and health (co-organized), **Red Posters**, **R315–R336**
	NP2.3, Artificial Intelligence, Cognitive models and Data Inversion In Geosciences, **Blue Posters**, **B907–B923**
	NP3.1, Scaling in atmospheric, terrestrial, oceanic and biogeophysical processes, **Blue Posters**, **B924–B939**
	NP4.1, Time Series Analysis in the Geosciences - Concepts, Methods and Applications, **Blue Posters**, **B940–B955**
	NP4.2, Satellite Time Series Analysis, **Blue Posters**, **B956–B970**
TU5, 17:30–19:00	**PSD3.1**, NP5.1 - Inverse Problems and Data Assimilation in Geosciences, **17:30–18:15**, **Room R7**
Wednesday, 10 April	
WE3, 13:30–15:00	**PSD20.12**, NH5.7/NP4.5/OS2.7 - Statistical methods and probability: applications to coastal engineering, ocean sciences, extreme events, damage and risk, **13:30–14:15**, **Room R5**
WE5, 17:30–19:00	**AS1.16/NP6.7/OS5.5**, Recent Developments in Geophysical Fluid Dynamics (co-organized), **Yellow Posters**, **Z43–Z62**
	AS4.9/NP7.2/OS5.7/SM4.3, Acoustic-gravity waves: From ocean and land to space (co-organized), **Yellow Posters**, **Z190–Z207**
	CL3.2/NH1.12/NP5.3, Decadal, seasonal and monthly climate predictions (co-organized), **Yellow Posters**, **Z278–Z302**
	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**
	NH5.7/NP4.5/OS2.7, Statistical methods and probability: applications to coastal engineering, ocean sciences, extreme events, damage and risk (co-organized), **Blue Posters**, **B399–B419** | Related: PSD20.12, see WE3
	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**
Thursday, 11 April	

TH5, 17:30–19:00	**HS7.5/NP8.4**, Hydroclimatic stochastics (co-organized), **Red Posters**, **R406–R418**
	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**
	NP5.1, Inverse Problems and Data Assimilation in Geosciences, **Blue Posters**, **B710–B730** | Related: PSD3.1, see TU5
	NP5.2, Error growth dynamics and related predictability problems, **Blue Posters**, **B731–B739**
	NP7.1/OS5.3, Surface and internal waves, wind-wave-current interactions (co-organized), **Blue Posters**, **B740–B751**

Friday, 12 April

FR2, 10:30–12:00	**NP6.3**, Turbulence in the Atmosphere, **Blue Posters**, **B705–B713**
FR4, 15:30–17:00	**NP6.1/OS5.6**, Mixing, Diffusion and Lagrangian transport in Geophysical Flows (co-organized), **Blue Posters**, **B680–B688**
	NP6.2, Turbulence, Vortices and Waves in Stratified and Rotating Fluids, **Blue Posters**, **B689–B704**