

NP – Nonlinear Processes in Geosciences (#EGU17NP) – Orals

Monday, 24 April

MO2 , 10:30–12:00	NP4.1/AS4.13/CL5.06 , Time Series Analysis, Prediction, Verification and Inter-Comparison of Geoscientific Observations and Model Data (co-organized), 10:30–17:00, Room M2
	SC87/NP9.11 , Urban environments and ecosystem change: complexity and across-scale tools and modelling (co-organized), 10:30–12:00, Room -2.85
MOL , 12:15–13:15	UMI0 , Plenary, 12:15–13:15, Room E1
MO3 , 13:30–15:00	NP4.1/AS4.13/CL5.06 , Time Series Analysis, Prediction, Verification and Inter-Comparison of Geoscientific Observations and Model Data (co-organized), 10:30–17:00, Room M2
	NH5.7/NP10.2/OS5.3 , Extreme Internal Wave Events: Generation, Transformation, Breaking and Interaction with the Bottom Topography (co-organized), 13:30–15:00, Room L8
MO4 , 15:30–17:00	NP4.1/AS4.13/CL5.06 , Time Series Analysis, Prediction, Verification and Inter-Comparison of Geoscientific Observations and Model Data (co-organized), 10:30–17:00, Room M2
MO5 , 17:30–19:00	SC2/AS2.8/NP9.2 , Short course: Experimental and Field Turbulence in Geophysical and Environmental Flows (co-organized), 17:30–20:00, Room L3
	SC82/NP9.10 , Multi-Hydro: High-resolution environmental data and non-linear urban hydrology (co-organized), 17:30–19:00, Room -2.91
MO6 , 19:00–20:00	SC2/AS2.8/NP9.2 , Short course: Experimental and Field Turbulence in Geophysical and Environmental Flows (co-organized), 17:30–20:00, Room L3

Tuesday, 25 April

TU1 , 08:30–10:00	NP6.1/AS2.7 , Turbulence in the Atmosphere (co-organized), 08:30–10:00, Room M2
TU2 , 10:30–12:00	NP6.2 , Recent developments in Geophysical Fluid Dynamics: Waves, Turbulence, Transport and Intermittency, 10:30–12:00, Room M2
TUL , 12:15–13:15	DM15/NP , Division meeting for Nonlinear Processes in Geosciences (NP) (co-organized), 12:15–12:30, Room M1
TU3 , 13:30–15:00	NP6.4/AS2.9/ST1.12 , Turbulence, magnetic reconnection, shocks and particle acceleration: nonlinear processes. (co-organized), 13:30–15:00, Room M2
TU4 , 15:30–17:00	SC20/AS5.1/CL6.02/NP9.5 , Response, variability and transitions in geophysical systems (co-organized), 15:30–17:00, Room -2.31
TU5 , 17:30–19:00	SC51/NP9.4 , Complex systems methods for data analysis and modeling in geosciences (co-organized), 17:30–20:00, Room -2.31
TU6 , 19:00–20:00	SC51/NP9.4 , Complex systems methods for data analysis and modeling in geosciences (co-organized), 17:30–20:00, Room -2.31

Wednesday, 26 April

WE1 , 08:30–10:00	NP7.1 , Unusual waves in geophysics, 08:30–10:00 , Room M2
	IE3.2/NP4.3 , Big data and machine learning in geosciences (co-organized), 08:30–12:00 , Room L2
WE2 , 10:30–12:00	NP7.2 , Wave-current interactions, 10:30–12:00 , Room M2
	IE3.2/NP4.3 , Big data and machine learning in geosciences (co-organized), 08:30–12:00 , Room L2
WE3 , 13:30–15:00	NP2.1 , ENSO: Dynamics, Predictability and Modelling (including Lewis Fry Richardson Medal Lecture), 13:30–17:00 , Room D2
	ML18/NP , Lewis Fry Richardson Medal Lecture by Edward Ott (co-organized), 13:30–14:30 , Room D2
WE4 , 15:30–17:00	NP2.1 , ENSO: Dynamics, Predictability and Modelling (including Lewis Fry Richardson Medal Lecture), 13:30–17:00 , Room D2
WE5 , 17:30–19:00	SC7/CL6.01/NP9.1 , Short course: Scales and Scaling in the Climate System (co-organized), 17:30–20:00 , Room L2
WE6 , 19:00–20:00	SC7/CL6.01/NP9.1 , Short course: Scales and Scaling in the Climate System (co-organized), 17:30–20:00 , Room L2

Thursday, 27 April

TH1 , 08:30–10:00	NP5.3/AS1.2/HS4.8 , Advances in statistical post-processing for deterministic and ensemble forecasts (co-organized), 08:30–10:00 , Room M2
	HS7.2/AS1.9/CL2.15/NH1.14/NP10.1 , Precipitation uncertainty and variability: observations, ensemble simulation and downscaling (co-organized), 08:30–10:00 , Room 2.95
	SSS11.4/BG9.41/NP10.5 , Complexity and non-linearity in soils (co-organized), 08:30–12:15 , Room -2.20
TH2 , 10:30–12:00	NP5.1 , Inverse Problems, Data Assimilation and Error Dynamics, 10:30–15:00 , Room M2
	SC23/NP9.3 , Discrete Particle Method for Non-linear processes in Geophysics (co-organized), 10:30–12:00 , Room -2.31
	SSS11.4/BG9.41/NP10.5 , Complexity and non-linearity in soils (co-organized), 08:30–12:15 , Room -2.20
TH3 , 13:30–15:00	NP5.1 , Inverse Problems, Data Assimilation and Error Dynamics, 10:30–15:00 , Room M2
	HS7.1/AS1.11/NH1.15/NP10.11 , Precipitation: from measurement to modelling and application in catchment hydrology (co-organized), 13:30–17:00 , Room B
TH4 , 15:30–17:00	NP5.2 , Initial error dynamics and model error physics in predictability studies of weather and climate, 15:30–17:00 , Room M2
	HS7.1/AS1.11/NH1.15/NP10.11 , Precipitation: from measurement to modelling and application in catchment hydrology (co-organized), 13:30–17:00 , Room B
TH5 , 17:30–19:00	SC79/NP9.7 , Perform a multifractal analysis on your own data (co-organized), 17:30–19:00 , Room -2.31
TH6 , 19:00–20:00	SC62/NP9.6 , Title: How can NP division help you in your research activities? (co-organized), 19:00–20:00 , Room -2.91

Friday, 28 April

FR2 , 10:30–12:00	NP3.3/CL5.19 , Scaling, multifractals and Nonlinear dynamics in the atmosphere, ocean, climate and environment (co-organized), 10:30–15:00 , Room M2
FR3 , 13:30–15:00	NP3.3/CL5.19 , Scaling, multifractals and Nonlinear dynamics in the atmosphere, ocean, climate and environment (co-organized), 10:30–15:00 , Room M2
FR4 , 15:30–17:00	NP8.1 , Complexity in Geosciences: from chaotic-stochastic dynamics to ecology and sustainability, 15:30–19:00 , Room M2
FR5 , 17:30–19:00	NP8.1 , Complexity in Geosciences: from chaotic-stochastic dynamics to ecology and sustainability, 15:30–19:00 , Room M2

NP – Nonlinear Processes in Geosciences (#EGU17NP) – PICOs

Tuesday, 25 April

TU1 , 08:30–10:00	SSS11.6/BG9.42/NP10.7 , Integrating Soil Systems Ecology into biogeochemical models (co-organized), PICO spot 3
TU3 , 13:30–15:00	HS7.6/AS1.10/NP10.3 , Precipitation variability: from drop scale to lot scale (co-organized), PICO spot A

NP – Nonlinear Processes in Geosciences (#EGU17NP) – Posters

Monday, 24 April

MO5 , 17:30–19:00	NP1.1 , Artificial Intelligence, Cognitive models and Data Inversion In Geosciences, Hall X4, X4.63–X4.70
	NP4.1/AS4.13/CL5.06 , Time Series Analysis, Prediction, Verification and Inter-Comparison of Geoscientific Observations and Model Data (co-organized), Hall X4, X4.71–X4.104
	NH5.7/NP10.2/OS5.3 , Extreme Internal Wave Events: Generation, Transformation, Breaking and Interaction with the Bottom Topography (co-organized), Hall X4, X4.382–X4.400
	SSS11.4/BG9.41/NP10.5 , Complexity and non-linearity in soils (co-organized), Hall X1, X1.358–X1.380

Tuesday, 25 April

TU5 , 17:30–19:00	NP6.1/AS2.7 , Turbulence in the Atmosphere (co-organized), Hall X4, X4.121–X4.142
	NP6.2 , Recent developments in Geophysical Fluid Dynamics: Waves, Turbulence, Transport and Intermittency, Hall X4, X4.143–X4.156
	NP6.4/AS2.9/ST1.12 , Turbulence, magnetic reconnection, shocks and particle acceleration: nonlinear processes. (co-organized), Hall X4, X4.157–X4.165

Wednesday, 26 April

WE5 , 17:30–19:00	NP2.1 , ENSO: Dynamics, Predictability and Modelling (including Lewis Fry Richardson Medal Lecture), Hall X4, X4.209–X4.221
	NP7.1 , Unusual waves in geophysics, Hall X4, X4.222–X4.242
	NP7.2 , Wave-current interactions, Hall X4, X4.243–X4.257
	IE3.2/NP4.3 , Big data and machine learning in geosciences (co-organized), Hall X4, X4.168–X4.188

Thursday, 27 April

TH5 , 17:30–19:00	NP3.3/CL5.19 , Scaling, multifractals and Nonlinear dynamics in the atmosphere, ocean, climate and environment (co-organized), Hall X4, X4.119–X4.146
	NP5.1 , Inverse Problems, Data Assimilation and Error Dynamics, Hall X4, X4.147–X4.181
	NP5.2 , Initial error dynamics and model error physics in predictability studies of weather and climate, Hall X4, X4.182–X4.195
	NP5.3/AS1.2/HS4.8 , Advances in statistical post-processing for deterministic and ensemble forecasts (co-organized), Hall X4, X4.196–X4.217
	HS7.2/AS1.9/CL2.15/NH1.14/NP10.1 , Precipitation uncertainty and variability: observations, ensemble simulation and downscaling (co-organized), Hall A, A.220–A.240
	GMPV5.2/NH2.4/NP10.10 , Hazard monitoring during effusive eruption: data, modelling and uncertainties (co-organized), Hall X2, X2.445–X2.458
	HS7.1/AS1.11/NH1.15/NP10.11 , Precipitation: from measurement to modelling and application in catchment hydrology (co-organized), Hall A, A.187–A.219

Friday, 28 April

FR3, 13:30–15:00

NP8.1, Complexity in Geosciences: from chaotic-stochastic dynamics to ecology and sustainability, Hall X4, X4.145–X4.151