Mathematics of the Weather 2024

Tuesday 8 October 2024

Postersession & Coffee: -all posters will be visible during the whole conference, authors will be available during the whole poster session and on demand during the conference- (13:15 - 15:15)

time	[id] title	presenter
13:15	[4] Model uncertainty model intercomparison project - an intercontinental comparison of physics suites in weather prediction and climate modelling	GROOT, Edward
13:21	[48] Realistic and Efficient Gravity-Wave Modelling	ACHATZ, Ulrich
13:27	[31] Analysis of the entropy budget at stable stratification using LF Richardson's notion of the intrinsic energy	GASSMANN, Almut
13:35	[54] Revision of moist PV under the notion of the particle relabeling symmetry	GASSMANN, Almut
13:41	[49] A hierarchy of ice cloud models	SPICHTINGER, Peter
13:54	[8] CGDycore: A Julia implementation of numerical dycores for different backends	OSWALD, Knoth
14:00	[17] Ice cloud generation by transient gravity wave parameterization	DOLAPTCHIEV, Stamen ACHATZ, Ulrich
14:06	[29] Well-Posedness of the Dynamic Framework in Earth-System Model	LIAN, Ruxu
14:13	[25] Spectral Analysis of Gravity Waves in a High-Resolution ICON Simulation	PROCHAZKOVA, Zuzana
14:20	[38] pyBELLA+: A laboratory testbed for investigating novel NWP applications	CHEW, Ray
14:30	[23] A novel constrained spectral approximation method	CHEW, Ray
14:40	[50] Solving the Discretised Flow Equations on Structured Grid using Machine Learning: Applications in Urban Flows Dynamics	CHEN, Boyang
14:50	[55] Jexpresso: an open source software package for the solution of general PDEs of computational mechanics.	MARRAS, Simone
14:56	[57] Model Uncertainty – MIP	GROOT, Edward
15:02	[58] The structure of predictability in an intermediate-complexity atmospheric model: covariant Lyapunov vectors and finite-time Lyapunov exponents	KWASNIOK, Frank