

Mathematics of the Weather 2024

Monday 7 October 2024

Parameterizations & Machine Learning (14:45 - 16:15)

time	[id] title	presenter
14:45	[14] The impact of transience in the interaction between orographic gravity waves and mean flow	JOCHUM, Felix
15:00	[12] Impact of small-scale gravity waves on tracer transport	KNOP, Irmgard
15:15	[9] Generalisation of the parametrisation for homogeneous ice nucleation due to gravity waves	KOSAREVA, Alena
15:30	[2] LES of Tropical Cyclones with Adaptive Mesh Refinement and Non-Column Based Microphysics.	MARRAS, Simone
15:45	[16] A Preliminary 3D AI-Driven Adaptive Mesh Technique in Adaptive Atmospheric Model Fluidity-Atmosphere	GAN, Pu
16:00	[43] Data-driven deterministic and stochastic subgrid-scale parameterization for atmosphere and ocean models: a pattern-based approach	KWASNIOK, Frank