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5th Summer School on Theory, Mechanisms and Hierarchical Modelling of Climate Dynamics: Convection and Clouds | (smr 3952)

Friday 12 July 2024

Conceptual models (part 2) - Kastler Lecture Hall (AGH) (11:00-12:45)

Chairperson: Adrian TOMPKINS (ICTP, Italy)

time	title	presenter
11:00	Interaction of diurnal convection with a large-scale overturning circulation	JAN HAERTER
11:15	Autocorrelation – A Simple Diagnostic for Tropical Precipitation in Global Kilometer-Scale Climate Models	MICHELA BIASUTTI
11:30	A Predator-Prey Model for Nonlinear Precipitation Oscillations in Warm Climates	DA YANG
11:45	Shallow-to-deep transition of atmospheric convection in analogy to the organization in a predator-prey system	CRISTIAN-VALER VRACIU
12:00	Evolutionary ecology of convective organization	BRIAN EARLE MAPES
12:15	Discussion	
12:30	Closing remarks	