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

Monday 08 July 2024

- Kastler Lecture Hall (AGH) (09:00-17:15)

time	title	presenter
09:00	Intro to project datasources: Nextgems, Observations, RCEMIP, ERA5	ADRIAN TOMPKINS (ICTP, ITALY), ALLISON WING (FLORIDA STATE UNIVERSITY, USA)
10:30	Break	
11:00	Introduction to the machine learning class	LEIF CHRISTOPHER DENBY
11:30	Introduction to the parcel model class	STEVEN BOEING
12:00	Introduction to the water vapour stochastic model class	GIOVANNI BIAGIOLI
12:30	Lunch break	
14:30	Parallel session 1: Training session on SMCM-ZM convective parameterization in single-column CAM	
14:30	Parallel session 2: Convective Parcel Model	
14:30	Parallel session 3: Machine learning for climate	
14:30	Parallel session 4: Stochastic water vapour model	GIOVANNI BIAGIOLI (ICTP, ITALY), ADRIAN TOMPKINS (ICTP, ITALY)
15:45	Break	
16:00	Parallel session 1 : Training session on SMCM-ZM convective parameterization in single-column CAM (cont.)	BOUALEM KHOUIDER (UNIVERSITY OF VICTORIA, CANADA) ET AL.
16:00	Parallel session 2: Convective Parcel Model (cont.)	STEVEN BOEING (UNIVERSITY OF LEEDS, UK) ET AL.
16:00	Parallel session 3: Machine learning for climate (cont.)	LEIF CHRISTOPHER DENBY (DANISH METEOROLOGICAL INSTITUTE, DENMARK), SARA SHAMEKH (NYU)
16:00	Parallel session 4: Stochastic water vapour model (cont.)	GIOVANNI BIAGIOLI (ICTP, ITALY), ADRIAN TOMPKINS (ICTP, ITALY)