

Session Program

16-19 May 2022

2nd Workshop on Cloud Organization (WCO2)

Deep convection and more

Utrecht, Public Library
Neude 11, 3512 AE Utrecht, the Netherlands

Wednesday 18 May

11:00

Deep convection and more: session 8, chair: Benjamin Fildier

Session | **Location:** Utrecht, Public Library, Neude 11, 3512 AE Utrecht, the Netherlands

11:00-11:15

Evaluation of ECMWF lightning forecast over Indian subcontinent during 2020 premonsoon months

Speaker

Dr Parthasarathi Mukhopadhyay

11:15-11:30

A cold pool perturbation scheme to improve convective initiation in convection-permitting models

Speaker

Mirjam Hirt

11:30-11:45

Dependency of precipitation and cloud radiative feedback on subgrid scale clouds structure; a machine learning approach

Speaker

Sara Shamekh

11:45-12:00

Reassessing the Cohen and Craig (2006) theory: Fluctuations in an equilibrium convective cloud ensemble at horizontal resolutions ranging from 2 km to 125 m

Speaker

Dr Julien Savre

12:00-12:15

Moisture transports and rain cell statistics in organised convection and their potential role in super Clausius-Clapeyron scaling

Speaker

Geert Lenderink

12:15-12:30

Parametrising cold-pool effects in the Met Office Unified Model

Speaker

Gabriel Rooney

12:30