Session Program

16–19 May 2022

2nd Workshop on Cloud Organization (WCO2)

Poster pitches

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

Tuesday 17 May

12:15

Poster pitches: part 2
Session | **Location:** Utrecht, Public Library, Neude 11, 3512 AE Utrecht, the Netherlands

12:15–12:17
Interactions between aerosol, clouds and circulation in high-resolution, cloud-resolving simulations with an imposed SST gradient

Speaker
Andrew Williams

12:17–12:19
The role of mesoscale convective organization in the generation of extreme precipitation over Europe

Speaker
Nicolas Da Silva

12:19–12:21
Convective organization from the interaction between cold pools and thermally induced mesoscale circulations

Speaker
Edward Engelbrecht

12:21–12:23
Sensitivity of Tropical Extreme Precipitation to Surface Warming in Aquaplanet Experiments Using the ICON Model

Speaker
Alejandro uribe

12:23–12:25   The impact of land-sea contrasts in the aggregation of convection

Speaker
Beth Dingley

12:25–12:27   A high-level analysis of complex Arctic mixed-phase cloud dynamics

Speaker
Dr J. Antoon van Hooft

12:27–12:29   MCS longevity in the transition from land to sea

Speaker
Irene Livia Kruse

12:29–12:31
The role of cold pools and microphysics schemes in the organization of convection

Speaker
Alejandro Casallas

12:31–12:33   Open cell convection in HARMONIE-AROME

Speaker
Wim de Rooy

12:33–12:35

How does microphysical phase relate to cloud morphology transition speed within cold-air outbreaks over the northwest Atlantic?

Speakers

Paquita Zuidema, Dr Seethala Chellappan, the ACTIVATE Science Team, Simon Kirschler

12:35–12:37   **Investigating extreme precipitations in tropical squall lines**

Speaker

Sophie Abramian

12:37–12:39

Dependency of mesoscale organization on grid anisotropy in large-eddy simulations at Gray Zone resolutions

Speaker

Stephan de Roode

12:45