

RealPEP-SINFONY hybrid meeting
Thursday, April 28th and Friday, April 29th 2022
Location: Uni Bonn, Department of Meteorology and digitally
via zoom

Time frame: 20 min. talks + 10 min. discussion

Zoom-Link:

<https://uni-bonn.zoom.us/j/64463114494?pwd=WDRrUDI4U2RNdVRxcG5pN2NXNjRaUT09>

Meeting-ID: 644 6311 4494

Kenncode: 142911

Thursday, April 28th 2022

————— *12:00 pm: Opening with lunch together, ca 1h* —————

1:00 pm – 1:10 pm

Silke Trömel: Welcome and opening

1:10 pm – 1:40 pm

JuYu Chen (Bonn), P1: Status on the most recent QPE-products provided for RealPEP and outlook

1:40 pm – 2:10 pm

Julius Polz (KIT-Alpin), P1: Improving QPE with commercial microwave links

2:10 pm – 2:40 pm

Ricardo Reinoso Rondinel (Bonn), P2: Probabilistic Nowcasting: Insight into a global-based and an object-based approach

— *Coffee break 20 min* —

3:00 pm – 3:30 pm

Martin Rempel (DWD): Combining NWP- and Precipitation Nowcasting Ensembles to Improve Short-Term Predictions of Convective Precipitation

3:30 pm – 4:00 pm

Cintia Carbajal Henken (Berlin), P2: Satellite retrievals of integrated water vapour and clouds

— *Coffee break 15 min* —

4:15 pm – 4:45 pm

Lucas Reimann (Bonn), P3: On the Assimilation of Polarimetry-Derived Hydrometeor Mixing Ratios in Germany

— *outward Dinner, 6:30 pm in Poppelsdorf, Buena Vida Havanna,* —
Clemens-August-Straße 1, 53115 Bonn

Friday, April 29th 2022

09:00 am – 9:30 pm

Roland Potthast (DWD), P3: Assimilation of Radar Data at the DW - Current Status and Developments

9:30 am - 10:00 am

Carina Furusho / Mohamed Saadi, P4: Nowcasting flash floods and steps towards a universal radar validation framework

— *Coffee break, 15 min* —

10:15 am – 11:15 am

ALL: Discussion on next steps, joint RealPEP publication, 30th Conference on Severe Local Storms (24-28 October 2022), joint outreach activities (schedule already for the next year a more international conference of medium size?)

11:15 am - 12:00 am

ALL: Discussion part 2