

RealPEP meeting, September 19–20, 2023

Location: Freie Universität Berlin, Institute of Meteorology,
Carl-Heinrich-Becker-Weg 6-10, 12165 Berlin

Room 041 (Alter Hörsaal)

Time frame for all talks: 20 min. speech + 10 min. discussion

Tuesday, September 19th 2023

13:30 – 13:40 CEST

Silke Trömel: Welcome and opening

13:40 – 14:10 CEST

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

14:10 – 14:40 CEST

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

14:40 – 15:10 CEST

Mathias Emond (Bonn), P2: Probabilistic Nowcasting: Insight into a global-based and an object-based approach

— *Coffee break 30 min* —

15:40 – 16:10 CEST

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

16:10 – 16:40 CEST

Armin Blanke, P3 (online): On the Assimilation of Polarimetry-Derived Hydrometeor Mixing Ratios in Germany, next steps

16:40 – 18:00 CEST

Discussions on:

- 1) How to proceed with the RealPEP paper draft?
- 2) Sessions, invited speaker, and organization of the PROM-RealPEP-SINFONY conference in March 2025

19:00 CEST: Joint dinner, Italian restaurant „12 Apostel“, Bleibtreustr. 49, 10623 Berlin (30 min. from venue with public transport)

Wednesday, September 20th 2023

09:00 - 09:30 CEST

Klaus Vobig (DWD), P3: Assimilation of Radar Data at DWD - Current Status and Developments

09:30 - 10:00 CEST

Samirasadat Soltani, (Jülich) P4: Nowcasting flash floods and steps towards a universal radar validation framework

— *Short coffee break 20 min* —

10:20 – 10:50 CEST

Mafuhja Akter (Bonn), C1: Status and next steps on POLRA implementations and cooperation with P2

10:50 CEST – 12:30 CEST

First slot of **PI discussions** for a joint follow-up RealPEP proposal

— *Lunch break 1 hour (joint order at “[Il Caminetto](#)” via “Wolt”)* —

13:30 CEST – 17:00 CEST latest

Part 2 of **PI discussions** for a joint follow-up RealPEP proposal

Location of venue: 850m walking distance from station “Rathaus Steglitz”:

