



# RealPEP Meeting

## October 9 – 10, 2024

**Location:** Freie Universität Berlin  
Building of Biologie/Zoologie  
Königin-Luise-Str. 1-3, 14195 Berlin  
**Ehrenbergsaal, Room No. 126, Neubau, 2. OG**

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

### Wednesday, October 9, 2024

14:30 – 14:40 CEST

**Silke Trömel:** Welcome and opening

14:40 – 15:10 CEST

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

15:10 – 15:40 CEST

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

15:40 – 16:10 CEST

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

16:10 – 16:40 CEST — *Coffee break* —

16:40 – 17:10 CEST

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

17:10 – 17:40 CEST

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

17:40 – 18:40 CEST

**Discussions on:**

- 1) Project interactions
- 2) PrePEP conference
- 3) Joint publications
- 4) others

*19:30 CEST: Joint dinner at Viet Koch BBQ, Schorlemerallee 5, 14195 Berlin*

**Thursday, October 10, 2024**

09:00 - 09:30 CEST

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

09:30 - 10:00 CEST

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

10:00 - 10:20 CEST — *Coffee break* —

10:20 – 10:50 CEST

**Mahfuja Akter (University of Bonn), C1:** Benchmark execution in POLARA, improving QPE and stepping into RredRNN implementation for QPN

10:50 CEST – 12:30 CEST

Discussion/Interaction slot (also as time buffer for delay from previous presentations and talks)

12:30 – 13:30 CEST — *Joint lunch and wrap-up* —

***End of Meeting***

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**Close to the Station “Rathaus Steglitz”**

