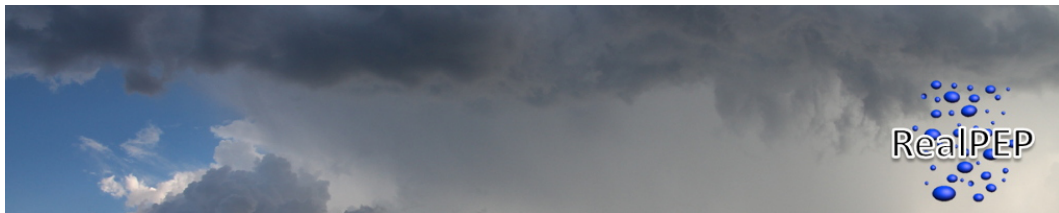


## **Session Program**

**Oct 5 - 7, 2020**



# **Precipitation and Flash Flood Prediction from Minutes to Days**

## **Quantitative Precipitation Nowcasting (QPN)**

Online

## Tue, October 6

9:00 AM

### Quantitative Precipitation Nowcasting (QPN): Quantitative Precipitation Nowcasting (QPN)

**Session** | **Location:** Online | **Conveners:** Cintia Carbajal Henken, Ricardo Reinoso Rondinel

9:00 – 9:40 AM

#### Nowcasting radar precipitation growth & decay in complex orography: a probabilistic machine learning approach

**Speaker**

Loris Foresti

9:40 – 10:00 AM

#### Foresight: Forecasting Storms with Insight

**Speaker**

Marc Schleiss

10:00 – 10:20 AM

#### Scale Characterization and Correction of Diurnal Cycle Errors in Nowcasting

**Speaker**

Aitor Atencia

10:20 – 10:40 AM

#### Radar-based Nowcasting: Spatio-Temporal Analysis of the STEPS Methodology

**Speaker**

Ricardo Reinoso-Rondinel

10:40 – 11:00 AM

#### Coffee break

11:00 – 11:20 AM

#### On the relationship between lightning activity and convective cell severity

**Speaker**

Jordi Figueras i Ventura

11:20 – 11:40 AM

#### Assessment of satellite- and ground-based observed total column water vapor variabilities and their relation to convective initiation in Germany

**Speaker**

Cintia Carbajal Henken

11:40 AM – 12:00 PM

#### Towards a consistent multi-sensor QPE: NWC SAF's satellite QPE and AEMET's multi-sensor QPE and FFP

**Speaker**

Xavier Calbet

12:00 – 12:30 PM

#### Moderated Discussion

12:30 PM