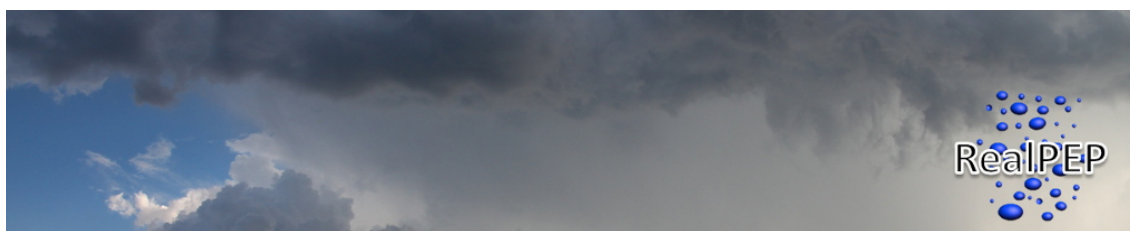**Session Program**

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

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09:00 – 09:40

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

Speaker
Loris Foresti

09:40 – 10:00 **Foresight: Forecasting Storms with Insight**

Speaker
Marc Schleiss

10:00 – 10:20

Scale Characterization and Correction of Diurnal Cycle Errors in Nowcasting

Speaker
Aitor Atencia

10:20 – 10:40

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

Speaker
Ricardo Reinoso-Rondinel

10:40 – 11:00 **Coffee break**

11:00 – 11:20

On the relationship between lightning activity and convective cell severity

Speaker
Jordi Figueras i Ventura

11:20 – 11:40

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 – 12:00

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 **Moderated Discussion**

12:30 PM