

PROM Workshop: The Fusion with Exercises

on 2-3 November 2020 Location: Zoom

Monday, 2 November 2020

2:00 – 3:00 pm: General introduction to microphysical parameterization schemes (Andrew Barrett, Axel Seifert)

3:00 – 4:00 pm: Introduction to radar polarimetry, information content of variables and their uncertainties (Jacob Carlin)

4:00 – 4:30 pm Coffee break

4:30 – 5:30 pm: Polarimetric process fingerprinting (Matt Kumjian)

5:30 – 6:00 pm: Discussion/ questions

Tuesday, 3 November 2020

9:00 – 9:30 am: More details on the 2-moment Seifert-Beheng scheme (Andrew Barrett, Axel Seifert)

9.30 – 10.00 am: Introduction to exercises with COSMO (Johannes Quaas, Prabhakar Shrestha)

10:00 – 10:30 am : Coffee break

10:30 – 12:00 am: Exercises with COSMO (Johannes Quaas, Prabhakar Shrestha)

12:00 – 12:45 am: Use of radar polarimetry for model evaluation and improvement (Jana Mendrok, Jacob Carlin, Uli Blahak, Prabhakar Shrestha, Silke Trömel)

12:45 am – 1:45 pm Lunch Break

1:45 – 3:45 pm: Exercises on radar processing with wradlib (Kai Mühlbauer, Silke Trömel)