Agenda for the virtual Research Area A meeting 2020, May 27 – 28

Wednesday, May 27

12h15: Lunch (Bring your own)
13h00: Welcome & Introduction (Michael Riemer)

Project A1

13h10: A multiscale asymptotic theory of error growth (Mirjam Hirt)
13h25: Large-scale vs. upscale-error growth: an ICON experiment (Tobias Selz)
13h40: Analysis of divergence variability induced by three idealized convective systems with a 3D cloud resolving model (Edward Groot)
14h00: *Tracking and analysing early-stage error growth in the lower troposphere (*Jorge de Heuvel)

Project A3

14h20: Model error and uncertainty at the midlatitude tropopause – A3 project overview and first steps (Konstantin Krüger)
14h40: The impact of NAWDEX extra radiosonde observations on the tropopause structure (Matthias Schindler)

15h00 Introducing the SAB RA-A representative (Carolyn Reynolds)
15h05 Break

Project A2

15h25: Uncertainty quantification in cloud dynamics (Bettina Wiebe and Kai Werth)

Project A6

16h05: Representing forecast uncertainty using [stochastic] physical parameterizations: Results from the first phase on cold pool driven convective initiation (Mirjam Hirt)
16h25: Representing the evolution of forecast uncertainty: ICON experiments (Ihan Chen)
16h45: Representing the evolution of forecast uncertainty: idealised model experiments (Kirsten Tempest)

Project A7

17h05: Visualization of Multi-Parameter Trajectories and Downscaling using Multi-Physics Fields (Michael Kern)
17h25: Visualization in Meteorological Dynamics – Data Assimilation, Heat Waves, and Multifield Features (Kai Sdeo)

17h55: Ice Breaker
18h30: Adjourn

Thursday, May 28

Project A8

13h00: Transitions into Blocked Regimes: Investigating a Link to Upstream Rossby Wave Activity (Christopher Polster)
13h20: Dynamics of error growth during blocked regime life cycles (Franziska Teubler)
13h40: A local PV perspective on blocked regime life cycles (Seraphine Hauser)

14h00: Discussion
- Joint case studies
- Feedback from the SAB
- Feedback from Carolyn

15h30: Conclusion