Agenda for the in-person Research Area A meeting 2022
July 19 – HIM, Campus JGU

9h00: Welcome & Introduction (Michael Riemer)
9h15: Representing the evolution of forecast uncertainty using ICON
(Matjaž Puh, A6)
9h30: Investigating forecast uncertainty: idealised model experiments with a very large ensemble
(Kirsten Tempest, A6)
9h45: Uncertainty quantification in atmospheric flows
(Simon Schneider and Kai Werth, A2)

Coffee Break 10h00 – 10h40

10h40: The transition from practical to intrinsic predictability
(Tobias Selz, A1)
10h55: Which factors control upper tropospheric divergent outflow of deep convection?
(Edward Groot, A1)
11h10: A feature-based perspective on upscale error growth
(Sören Schmidt, A1)
11h25: A two-scale model for the meso- and synoptic scales
(George Craig, presenting for Mirjam Hirt, A1)
11h40: Exploring the impact of radiosonde observations on the tropopause structure using EDA output
(Konstantin Krüger, A3)

Lunch Break 11h55 – 13h15

13h15: Neural Network-based Feature Learning and Visual Multi-field Analysis
(Fatemeh Farokmanesh, A7)
13h30: Characterizing Optimal Wintertime Atlantic-European Blocking Precursors
(Maria Madsen, A8)
13h45: A Local Wave Activity Perspective on Blocked Weather Regimes
(Christopher Polster, A8)
14h00: A process-based understanding of Greenland Blocking regime life cycle dynamics in ERA-5 reanalysis from a potential vorticity perspective
(Seraphine Hauser, A8)
14h15: PV dynamics of blocked weather regimes: average dynamics and variability
(Franziska Teubler, A8)

Coffee Break 14h30 – 15h15

15h15: Summary and open discussion (Michael Riemer)
16h30: End of meeting