

**Agenda for the virtual Research Area C meeting 2022**  
**22.06.22 - Schlosshotel Karlsruhe**

Time	on-site?	Presenter	Topic
9:15		Andreas Fink	Introduction
9:30	yes	Eva-Maria Walz (C2)	Statistical precipitation forecasts over the tropics
9:45	yes	Athul Rasheeda Satheesh (C2)	How coherent is rainfall in northern tropical Africa in space and time - and why?
10:00	<i>Coffee Break</i>		
10:30	yes	Marvin Kriening (C3)	A 3D analysis of the PV development associated with Tropical Transition Events over the North Atlantic Ocean
10:45	yes	Christoph Fischer (C3)	A 3-D perspective on wave-related features
11:00	yes	Brett Chung (C3)	Understanding predictability of tropical cyclones (TCs) over the North Atlantic Ocean
11:15	yes	Alexander Lemburg (C4)	Exploring medium-range predictability of European heatwaves with the help of ECMWF S2S hindcast ensembles
11:30	yes	Amelie Mayer (C4)	Lagrangian description of the atmospheric flow from Eulerian tracer advection with relaxation
11:45	<i>Lunch Break at Schwarzwaldstube</i>		
13:00	yes	Lea Eisenstein (C5), Benedikt Schulz (C5)	Random forest-based mesoscale wind feature identification (RAMEFI)
13:30	yes	Jonas Späth (C8)	The Role of the Stratosphere in Arctic Oscillation Extremes: Risk Increase and Attribution Analysis
13:45	yes	Philip Rupp (C8) (also presenting some of Sheena's results, C8)	Large-ensemble approaches to tackle the probabilistic coupling between troposphere and stratosphere
14:00	remote	<del>Sheena Löffel (C8)</del>	<del>tbd</del>
14:05	yes	Xiaoyang Chen (C8)	The role of stratospheric polar vortex in serial cyclone clustering in the Atlantic-European region
14:20	<i>Coffee Break</i>		
14:50	yes	Andreas Beckert (C9)	The three-dimensional structure of fronts in mid-latitude weather systems as represented by numerical weather prediction models
15:05	yes	Kameswar Rao Modali (Z2)	A framework for comparative cluster analysis of ensemble weather prediction data
15:20	yes	Federico Grazzini (T2)	Adding value to the forecast extreme precipitation events
15:40	Summary and open discussion (Andreas Fink)		
17:00	End of meeting		