Announcement

**Winter school on Arctic amplification – the role of clouds (in feedback mechanisms)**

12 – 18 March 2023, Hyytiälä, Finland

The school is intended for PhD students and post-docs who are interested the role of clouds in the Arctic climate change. The school is organized jointly with the German $(AC)^3$ project (https://www.ac3-tr.de/). The school program will consist of lectures (in the morning), group work (in the afternoons), poster session and social events.

The number of places is limited please register before January 13th, 2023: https://elomake.helsinki.fi/lomakkeet/74502/lomake.html

**The course fee:** For students of University of Helsinki, this fee is covered by the university. Students from other Finnish and Nordic universities will only pay for accommodation and meals during the course.

**Tentative list of lectures:**

Matt Shupe: *Cloud impacts on the surface energy budget at MOSAiC (and elsewhere)*
Manfred Wendisch: *Airborne energy budget measurements over different surfaces*
Tuukka Petäjä: *Aerosol Observations*
Gunnar Spreen: *Sea ice*
Astrid Bracher: *Remote Sensing of the Atmosphere and Ocean*
Dörthe Handorf: *Polar-midlatitude linkages - Atmospheric processes*
Timo Vihma: *The atmospheric role in the Arctic water cycle*
Irina Gorodetskaya: *How do atmospheric rivers contribute to warming?*
Johannes Quaas: *Lapse-rate feedback*
Dmitri Moisseev, *Snowfall microphysics*

For questions regarding the course, please contact Dmitri Moisseev (dmitri.moisseev@helsinki.fi).

INAR
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ArctiC Amplification:
Climate Relevant Atmospheric and SurfaCe Processes
and Feedback Mechanisms (AC)³