

INVITATION

On behalf of the Transregional Collaborative Research Center TR 172 "Arctic Amplification: Climate Relevant Atmospheric and Surface Processes, and Feedback Mechanisms (AC)³" we cordially invite you to attend the 1st (AC)³ Science Conference which will take place in Bremen, Germany from 26 to 28 March 2017.

ORGANIZING COMMITTEE

| | |
|----------------------|-----------------------|
| Manfred Wendisch | University of Leipzig |
| Marlen Brückner | University of Leipzig |
| Susanne Crewell | University of Cologne |
| Justus Notholt | University of Bremen |
| Christof Lüpkes | AWI Bremerhaven |
| Andreas Macke | TROPOS |
| John P. Burrows | University of Bremen |
| Annette Rinke | AWI Potsdam |
| Ina Tegen | TROPOS |
| Kerstin Ebell | University of Cologne |
| Johannes Quaas | University of Leipzig |
| Klaus Dethloff | AWI Potsdam |
| Aranxta Triana Gómez | University of Bremen |



AGENDA

Sunday, 26 March 2017

Ice Breaker

Monday, 27 March 2017

Session A

Fluxes in the Arctic Boundary Layer

Invited Speaker: Von P. Walden (Washington State University) - „The importance of surface energy fluxes in the Arctic: From sea ice to the top of Greenland“

Session B

Clouds; Aerosols & Water Vapour

Invited Speaker: Jost Heintzenberg (TROPOS) - „Water vapor, aerosols and clouds in the Arctic“

Session C

Surface Atmosphere Interactions: Processing & Trace Constituents

Invited Speaker: Ulrich Platt (University of Heidelberg) - „Halogen chemistry in the polar boundary layer - The roles of meteorology, surface, and aerosol“

Poster Session A - C

Evening talk by Sebastian Gerland (Norwegian Polar Institute) - „Changing Arctic sea ice and implications for climate, ecosystem and society“ with subsequent reception

Tuesday, 28 March 2017

Session D

Atmospheric Circulation & Transport

Invited Speaker: Dave Bromwich (Ohio State University) - „Arctic system reanalysis depictions of Arctic atmospheric circulation“

Session E

Integration & Synthesis

Invited Speaker: Irina Gorodetskaya (University of Aveiro) - „Clouds and precipitation in the polar regions: integration and synthesis of observations and regional climate models“

Poster Session D - E

We are looking forward to welcoming you to our conference in Bremen!

DEADLINES & REGISTRATION

Abstract submission until:

15 January 2017

Abstract submission to:

admin@ac3-tr.de

Conference registration and further information on:

http://ac3-tr.de

The conference is limited to 100 participants.

