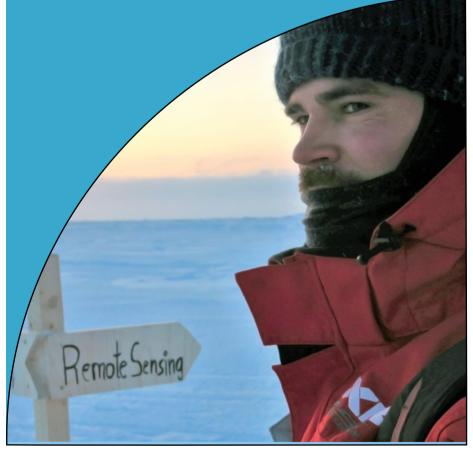# WHERE THE OCEAN MEETS THE ATMOSPHERE

Luisa von Albedyll got bitten by "the polar bug" already in her bachelor's during a semester abroad on Svalbard. During her master's degree in Environmental Physics (Uni Bremen), she focused on Remote Sensing of the Cryosphere and glacier-ocean interactions. Since 2019, she has investigated how Arctic sea ice thickness and mass balance changes due to sea ice ridging and the creation of open water areas, as part of her PhD thesis at the Alfred-Wegener Institute in Bremerhaven. Luisa is always looking forward to revisiting the polar regions by taking part in field campaigns, most recently the MOSAiC drift expedition in 2019/2020. Alongside their scientific work, Andreas and Luisa are active members of the APECS Germany board and have been involved in a number of outreach projects.

The key role of sea ice in the Polar climate

Andreas Preußer is a trained environmental scientist specialising in remote sensing and numerical modelling. He joined the department of Environmental Meteorology at Trier University in 2013 to work on his Ph.D. within the bilateral Russian-German project "Transdrift". There, he focused on the long-term monitoring of thin-ice areas in the Arctic sea-ice cover and their effects on both the atmosphere and ocean, a topic that he continued to pursue during a research stay at Hokkaido Univ. (Japan), as well as his subsequent first post-doc. Over the years, Andreas gathered plenty of field experience during multiple research trips to the far north, most recently as part of the MOSAiC drift expedition in 2019/2020. Alongside their scientific work, Andreas and Luisa are active members of the APECS Germany board and have been involved in a number of outreach projects.

15. DEZEMBER 2021
18:30 – 19:30 Uhr (Vorträge + Q&A)

Bitte melden Sie sich per Email an
polarstunde@polarforschung.de bis spätestens 14. Dezember an.
An alle Teilnehmenden wird der entsprechende (kostenlose) Zoom-Link rechtzeitig am Tag der Veranstaltung verschickt.

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