

SUMMER SCHOOL 2021

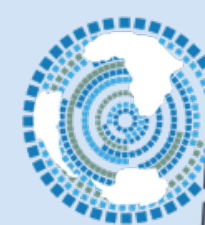
4th October – 6th October 2021

# ATMOSPHERE- SEA ICE- OCEAN INTERACTIONS IN THE POLAR OCEAN

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UNIVERSITY OF DUISBURG-ESSEN



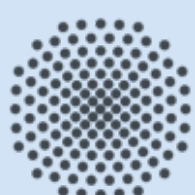
LDENMAT  
Institut für Materialwissenschaft Universität Duisburg-Essen



MARiS  
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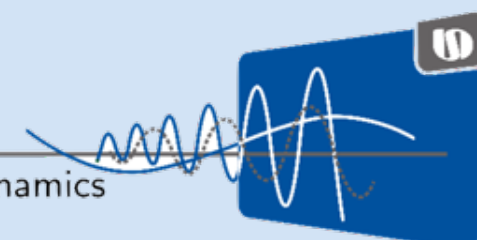
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# Atmosphere-sea ice-ocean interactions in the polar ocean

What are the effects of climate change on the ice masses in the Antarctic margin and what topics are currently being researched in Antarctica?

To answer these and other questions and to give students from different countries the opportunity to better study conditions in Antarctica, an international summer school will be held online from October 4 to 6, 2021.

The summer school is a collaboration of the University of Duisburg-Essen, the University of Cape Town and the University of Stuttgart.

Topics include i.a.

- climate models,
- ocean-ice-atmosphere interaction,
- large- and small-scale simulations of sea ice dynamics,
- sea ice growth and formation,
- cracking and failure of ice under load,
- algae growth...

**Join the summer school for free.**

**Please register via mail to  
[carina.schwarz@uni-due.de](mailto:carina.schwarz@uni-due.de)  
until 30th September 2021.**

**You will receive a link to participate.**

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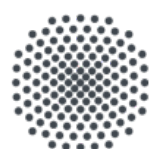


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