

Week 14, 2019

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The Bolin Centre is a multi-disciplinary consortium of over 350 scientists in Sweden that conducts research and graduate education related to the Earth's climate.



Bolin Centre Climate Arena

Last week the Bolin Centre Climate Arena had a workshop with the theme **Carbon dioxide neutrality**. More than 30 external partners were involved. Partners from companies, organizations, politics and governance joined researchers from the Bolin Centre to discuss the questions: "What is most important for society to reach carbon dioxide neutrality?", "What can my company/organization contribute with, what do my company/organization need and what can stimulate the work?". The workshop was a great success thanks to the engagement of all of the participants. If you would like to get involved in the Bolin Centre Climate Arena, please contact Elisabeth Däcker, elisabeth.dacker@geo.su.se.



Forests protect animals and plants against warming

The impacts of climate warming are buffered inside forests due to the thermal insulation of forest canopies. These results are based on an [international study](#) led by Ghent University researchers together with scientists from the Bolin Centre. Contact Professor Kristoffer Hylander, kristoffer.hyllander@su.se at Department of Ecology, Environment and Plant Sciences for more information.

Do you also have interesting research that you would like to share? Please contact bolin@su.se



On March 27-28 Arctic Avenue had a productive and inspiring kick off meeting. Arctic Avenue is a new spearhead research project led by Associate Professor Nina Kirchner at the Bolin Centre, Stockholm University and Professor Atte Korhola at the University of Helsinki. To boost already existing excellent cooperation, the two universities have decided to join forces through Arctic Avenue during 2019-2021.

Call for funding

The first call will soon be announced at <https://bolin.su.se/arcticavenue>. Deadline for applications is April 20. The application process will be easy, attractive and not burdened by administration. Applications shall be maximum 3 pages, include a short description, a budget and who the two project leaders are.

Stay update on Arctic Avenue

Join the e-mail list by sending your full name and e-mail address to Annika

Granebeck, annika.granebeck@su.se and follow the [website](#) and the hashtag #ArcticAvenue.

BOLIN CENTRE SEMINARS AND EVENTS

The Bolin Centre Seminar Series

The Bolin Centre seminar series is open for everyone and provides opportunities to learn about current research topics in the Bolin Centre. We strive to trigger lively discussions and facilitate both internal and external collaborations. Fika will be served, welcome!

25

APRIL

Bolin Centre Seminar Series | Research Area 1

Title: Part 1 - Assessing Earth's climate sensitivity and Part 2 - Arctic climate change and interactions with lower latitudes

Speaker: Thorsten Mauritsen, Stockholm University and Torben Koenigk Swedish Meteorological and Hydrological Institute

Time & place: April 25 at 13h00–14h00, Högbomsalen, Geoscience Building, Stockholm University

Abstract: to be announced

13-15

MAY

In Swedish | Bolincentrets Klimatfestival

Under [Klimatfestivalen](#) öppnar vi upp för skolor och allmänhet. Förra året hade vi över 1300 besökare, i år växer Klimatfestivalen och blir ännu större! Vi erbjuder ett stort antal intressanta klimataktiviteter med våra klimatforskare, allt är kostnadsfritt.

Tid & plats: 13–15 maj i Geovetenskapens hus, Stockholms universitet

[Program och bokning](#)

OTHER INFORMATION, SEMINARS AND EVENTS

Summer school in geophysical fluid dynamics on Bornö

During 28 July-10 August there will be a summer school in geophysical fluid dynamics on Bornö, a small island on the west coast of Sweden. It is arranged jointly by the universities in Stockholm, Oslo, Hamburg and Copenhagen, with teachers and students from all four universities. It was also organized last summer. [Here is a link](#) with a schedule and pictures from that.

In the course, the basic equations describing large-scale rotating flow are used to study various phenomena in the atmosphere and ocean, for example geostrophic adjustment, Rossby waves, Kelvin waves and Sverdrup circulation. Each day there will be lectures before lunch, and computer exercises to test the theory in the afternoon. The summer school is free of charge.

If you are interested in participating, please inform Jonas Nycander at jonas@misu.su.se **as soon possible**.

The **Bolin Centre Weekly News** provides you with a selection of our current activities and latest news and is sent to all members of the Bolin Centre. If you have suggestions that you would like to include in coming Weekly News, you are welcome to send these to bolin@su.se.

Editor: Annika Granebeck
Foto: Martin Jakobsson, Kristoffer Hylander

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