

Week 19, 2018

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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.



**Learning from the past:  
A slowdown of the Atlantic  
overturning system may cause  
hot European summers**

Record-breaking cold North Atlantic Ocean temperatures in recent years reflect a notable slowdown of the Atlantic overturning system and have been linked to major European heat waves. Results from new high-resolution climate simulations for the late-glacial confirm that a strong cooling of the North Atlantic Ocean caused unusually warm European summers ~12,000 years ago. As today, the key mechanism behind this "cold-ocean-warm-summer" feedback is intensified atmospheric blocking by persistent high-pressure centers over Europe.

The study published in Nature Communications presents results from an ongoing cooperation within the Bolin Centre between Geological Sciences at Stockholm University and the Linné FLOW Centre at KTH Mechanics. More information: [HERE»](#) and [HERE»](#)

**BOLIN CENTRE SEMINARS AND EVENTS**

21

May

**Science Seminar by the Bert Bolin  
Climate Lecture Speaker 2018**

**Titel:** Climate Feedbacks Low Probability - High Impact Climate Changes

**Speaker:** Dr. Ramanathan, Distinguished Professor of Atmospheric and Climate Sciences at the Scripps Institution of Oceanography, University of California, San Diego

**Time & place:** May 21 at 10h00-11h00, Ahlmannsalen

**Abstract and info:** [HERE»](#)



21

May

**Bert Bolin Climate Lecture 2018**

**Titel:** Bending the Curve: Climate Change Solutions

**Speaker:** Dr. Ramanathan, Distinguished Professor of Atmospheric and Climate Sciences at the Scripps Institution of Oceanography, University of California, San Diego

**Time & place:** May 21 at 14h00-15h00, Aula Magna

**Abstract and info:** [HERE»](#)

21-23

May

**In Swedish | Bolincentrets Klimatfestival**

Populärvetenskapliga föreläsningar om högaktuell klimatforskning, klimataktiviteter med klimatforskare och mängder av klimatanknutna utställningar från olika organisationer. På Klimatfestivalen finns något för alla! Under tre dagar öppnar vi upp för allmänheten som får träffa våra klimatforskare och under roliga former lära sig mer om klimatförändringarna och vad vi kan göra åt dem.

Mer info: [HÄR»](#)

## OTHER SEMINARS AND EVENTS

22-23  
May

### Crafoord Days 2018 in Geosciences

The Royal Swedish Academy of Sciences arranges Prize lectures (in Lund) and a Symposium (in Stockholm) in honor of the 2018 Crafoord Laureates in Geosciences, Syukuro Manabe and Susan Solomon.

### Registration and programme

The Crafoord Prize Lectures (Lund): [HERE»](#)

The Crafoord Symposium (Stockholm): [HERE»](#)

The **Bolin Centre Weekly News** provides you with a selection of our current activity 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 updates, you are welcome to send these to [bolin@su.se](mailto:bolin@su.se).

Editor: Annika Burström  
Foto: Martin Jakobsson, Laura Parducci

### Stay updated

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