Bolin Centre Research Theme 4 Event

Temperature responses across disciplines and scales

Preliminary Program

27 January 2026, DeGeer room, Geovetenskapens hus, Stockholm University

9.00-9.30 Welcome Coffee

Welcome and Introduction

09.30-09.40 Daniela Guasconi & Maja Siegenthaler (SU; Natgeo)

Session 1: Plants and ecosystems

09.40-10.00 **Giulia Vico** (SLU Uppsala): *Short-term response and acclimation of leaf photosynthesis to changing temperature*
10.00-10.20 **Aelys Humphreys** (SU; DEEP): *Thermal tolerance and temperature responses of plants: Data and questions*
10.20-10.40 **Paul Kardol** (SLU Uppsala): *Threshold responses to warming: linking plant and soil communities to ecosystem carbon cycling*

10.40-11.00 Coffee Break

Session 2: Microbes and single cells

11.00-11.20 **Kodie Chontos Blockström** (SU; Natgeo): *Thermal Responses of Soil Microbial Growth and Respiration*
11.20-11.40 **Johannes Rousk** (LU): *Can soil microbes adapt thermal traits to warming?*
11.40-12.00 **Rike Stelkens** (SU; Zoologi): *The evolution of thermal performance in response to rising temperatures in a model microbe*
12.00-12.20 **Lars Behrendt** (DTU – Denmark): *TBA*

12.20-13.20 Lunch

Session 3: Animals

13.20-13.40 **Anna H. Andreassen** (DTU – Denmark): *How can we use warming tolerance to predict climate change responses of fish?*
13.40-14.00 **Karl Gotthard** (SU, Zoologi): *Life-History Evolution of Insects in Response to Climate Variation: Seasonal Timing Versus Thermal Physiology*
14.00-14.20 **Loke Von Schmalensee** (UU): *Biological rates, environmental variation, thermal performance, and process-based modelling*
14.20-14.30 *Wrap up*

14.30-14.50 Coffee Break

Session 4: Workshop/Discussions

14.50-16.20 *Interactive Workshop*

To attend this event, you will need to sign up so we can plan accordingly. You can sign up for the full event or attend only part of the event until January 14.
To sign up, fill in the form at this LINK