



PhD Course:

Plant communication and trophic interactions: from plant behaviour to sustainable cropping

22nd-27th January 2023

Ekenäs Manor, Sweden

Aims

This course gives an overview of cutting edge research in plant behaviour showing how plant communications shapes interactions between plant individuals and between plants and insects. Plants are increasingly being viewed not as passive life forms but as organisms that exhibit sophisticated behaviors, engaging in complex interactions within ecosystems, both above and below ground. Focus is on how plant communication allows plants to solve challenges and how it can be exploited for sustainable plant protection and production. The course is valuable for students of plant ecology, agriculture, entomology, chemical ecology and plant protection.

Content

Teaching will be carried out by internationally-recognized scientists.

*Hendrik Poorter,
Mathias Erb,
Mascha Bischoff,
Toby Bruce,
Velemir Ninkovic,*

Research Centre Jülich, Germany
University of Bern, Switzerland
North Highland College UHI, UK
Keel University, UK
Swedish University of Agricultural Sciences – SLU, Sweden

Location and costs

The course will be held at Ekenäs manor, Flen, located approximately 125 km south-west of Stockholm. The costs for accommodation, meals and the course fee are covered. Free transfers will be organized from Uppsala, Arlanda airport and Nyköping Skavsta airport, but additional travel costs are not covered.

More information about the course can be found on the Ecology Research School home page:

<https://www.slu.se/en/graduate-schools/ecology-basics-and-applications/programme/>

Course credits: 3 ECTS

Application

Apply to Velemir Ninkovic at velemir.ninkovic@slu.se no later than **December 28**. The application should include a short description of your PhD project (maximum half page). **OBS** Maximum number of PhD students is limited to 10.

Prerequisites

The course is open both for PhD students from Sweden and other countries.