

# Phenotyping Technologies in Plant-environment Interactions - Integrated Analysis of Omics Data, 11-15 June, 2018 5 ECTS

## NOVA teachers:

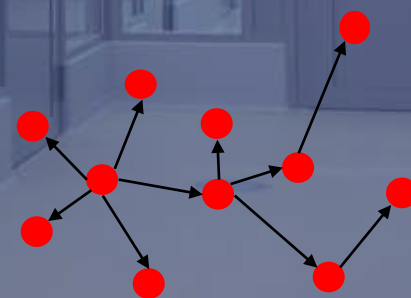
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Mirko Pavicic (UHEL, FI)  
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Morten Lillemo (NMBU, NO)  
Hamid Khazaei (AUI, IS)  
Johanna Witzell (SLU, SE)  
Michelle Cleary (SLU, SE)

## Invited faculty:

Dan Jacobson (ORNL, USA)  
Fabio Fiorani (Juelich, DE)  
Eva Rosenqvist (UCPH, DK)  
Thomas Roitsch (UCPH, DK)

## Organisers:

Aakash Chawade and  
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*The biotron at SLU Alnarp*

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The changing climate demands developing faster breeding methods to provide effective solutions for the future agriculture. This course series aims to introduce the emerging research fields of high throughput plant phenotyping used for plant-environment interactions from highly controlled environments to field conditions, in combination with omics technologies including bioinformatics and applications in R.

In 2018 at SLU Alnarp we will emphasis on the usage of controlled climates to simulate different and future climates as well as on how to integrate different omics data generated in plant phenomics experiments. The lecture topics are i) assessing crop physiology aspect

**For questions, please contact Erik Alexandersson (erik.alexandersson@slu.se). More information [www.plantlink.se](http://www.plantlink.se)**