

# Programme

## *Monday 21 August*

### ***Plant Science in Umeå (and the world) in the past***

Chair: Stefan Jansson

- 13.00 - 13.10    **Opening of the Symposium**  
Hans Adolfsson, Vice chancellor, Umeå University and Mikael Elofsson, Dean of the faculty of science and technology
- 13:10 - 13:30    **Introduction - Plant Science in Umeå 50 years**  
Stefan Jansson, Prefect at the Department of Plant Physiology, Umeå University
- 13.30 - 14.00    **My 50 years in Plant Physiology**  
Gunnar Öquist, Professor emeritus, Umeå University
- 14.00 - 14.15    **How did it go? Some reflections 50 years later**  
Lars Ericson, Professor emeritus, Umeå University
- 14.15 - 14.45    **Genphys 1978-1999**  
Jan-Erik Hällgren, Professor emeritus, SLU
- 14.45 - 15.30    *Coffee break*
- 15.30 - 16.00    **The early era of transgenic plants in Umeå: hairy, shooty, shiny, bonsai and with a touch of fish**  
Olof Olsson, Lund University
- 16.00 - 16.30    **Biochemists invading Plantphys under the polar night**  
Bertil Andersson, Nanyang Technological University, Singapore, Honorary doctor at Umeå University
- 16.30 - 17.00    **UPSC 1999-2017**  
Ove Nilsson, Director of Umeå Plant Science Centre, SLU
- 17.00            *Guided tour through UPSC*
- 19.00            *Barbecue (KBC cafeteria) and Botanist pub” and music (UPSC coffee room)*

***Tuesday 22 August***

***Plant Science in Umeå (and the world) today***

**Session 1: Plant Growth and Development**

Chair: Thomas Moritz

9.00 - 9.25     **The roots of vegetative propagation**

Catherine Bellini, Umeå Plant Science Centre, Umeå University

9.25 - 9.50     **Integration of flowering time signals in *Arabidopsis thaliana***

Markus Schmid, Umeå Plant Science Centre, Umeå University

9.50 - 10.15   **The transcriptome of wood formation**

Torgeir Hvidsten, Umeå University/Norwegian University of Life Sciences Ås

10.15 - 10.45   *Coffee break*

10.45 - 11.10   **Populus FT-like genes - from flowering to tree phenology**

Ove Nilsson, Umeå Plant Science Centre, SLU

11.10 - 11.35   **Root invasion by ectomycorrhizal fungi during symbiosis formation – cell wall remodelling under the influence of auxin?**

Judith Felten, Umeå Plant Science Centre, SLU

11.35 - 12.00   **Carbon for wood cell walls**

Totte Niittylä, Umeå Plant Science Centre, SLU

12.00 - 13.30   *Lunch*

***Tuesday 22 August***

***Plant Science in Umeå (and the world) today***

**Session 2: Plant Responses to Environmental Changes**

Chair: Per Gardeström

**13.30 - 13.55 Studies of biological stress at UPSC**

Benedicte Albrechtsen, Umeå Plant Science Centre, Umeå University

**13.55 - 14.20 Deciphering the metabolic regulations associated with leaf senescence**

Olivier Keech, Umeå Plant Science Centre, Umeå University

**14.20 - 14.45 Light response, a tale of two genomes**

Åsa Strand, Umeå Plant Science Centre, Umeå University

*14.45 - 15.15 Coffee break*

**15.15 - 15.40 Genetic architecture of gene expression variation in Swedish aspen**

Nathanial Street, Umeå Plant Science Centre, Umeå University

**15.40 - 16.05 Local adaptation in conifers**

Rosario Garcia Gil, Umeå Plant Science Centre, SLU

**16.05 - 16.30 Translational dynamics in Arabidopsis**

Johannes Hanson, Umeå Plant Science Centre, Umeå University

*19.00 Dinner and 50th anniversary party (Universum)*

## ***Wednesday 23 August***

### ***Plant Science in Umeå (and the world) in the future***

Chair: Karin Ljung

**9.00 - 9.30      **Plant Science - The next 50 years?****

Ottoline Leyser, Director of the Sainsbury laboratory, University of Cambridge, Honorary doctor at SLU

**9.30 - 10.00      **Challenges for photosynthesis research****

Eva-Mari Aro, University of Turku, Honorary doctor at Umeå University

*10.00 - 10.30      Coffee break*

**10.30 - 11.00      **Budgeting for a fluctuating future - Learning from the predictable and living with the unpredictable****

Mark Stitt, Max Planck Institute of Molecular Plant Physiology, Golm-Potsdam, Honorary doctor at Umeå University

**11.00 - 11.30      **Ex-temporary research****

Birger Lindberg Møller, Copenhagen University, Honorary doctor at Umeå University

**11.30 - 12.00      **The future for basic science in Sweden and Umeå****

Göran Sandberg, Executive director, KAW

**12.00 - 12.30      **Concluding words and closing of the symposium****

Peter Högberg, Vice chancellor SLU, Göran Ståhl, Dean of the Faculty of Forestry

*12.30 - 14.00      Lunch*