

Program for the 2nd UPRA meeting

Umeå 15-17 October 2007

Monday 15/10

09.00-10.00	Registration	
	Per Gardeström	Welcome and meeting introduction
	Göran Samuelsson	Short Introduction to UPSC
10.30-12.20	Session 1 - Development	
10.30-11.00	David Bouchez	Centrosomal components at the plant cell's cortex
11.00-11.20	Markus Grebe	Sterol-dependent PIN2 auxin efflux carrier polarity in Arabidopsis
11.20-11.50	Patrick Lauf	CUC/miR164, a regulatory unit involved in several steps of leaf development
11.50-12.20	Annie Marion-Poll	ABA biosynthesis and roles in Arabidopsis seeds
12.20-13.30	Lunch, poster mounting	
13.30-16.40	Session 1 – Development continue	
13.30-14.00	Francois Parcy	Biochemical and structural analysis of the LEAFY floral regulator
14.00-14.20	Catherine Bellini	Functional characterization of phloem expressed genes
14.20-14.50	Sylvie Dinant	Regulation of sugar loading in the phloem of Arabidopsis: an unexpected contribution of endoplasmic reticulum components
14.50-15.20	Coffee	
15.20-15.40	Björn Sundberg	Ethylene has a role in cambial cell division
15.40-16.00	Rishi Bhalerao	Molecular analysis of activity-dormancy transitions using functional genomics approach
16.00-16.20	Stefan Jansson	Genomics and Populus leaves
16.20-18.30	UPSC tour/poster viewing	
18.30-	Dinner (Buffé)	

Tuesday 16/10

09.00-10.20 Session 2 Cell wall

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| 09.00-09.30 | Gregory Mouille | Role of cell wall in meristem development |
| 09.30-09.50 | Ewa Mellerowicz | Novel roles of XETs in wood development |
| 09.50-10.20 | Gilles Pilate | No tension wood without PopFLAs! |

10.20-10.50 Coffee

10.50-12.30 Session 3 Membrane proteins and signaling

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| 10.50-11.10 | Marianne Sommarin | Regulation of the plant plasma membrane proton pump by phosphorylation and 14-3-3 proteins |
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| 11.10-11.40 | Hervé Santenac | Potassium channels from the shaker family: functions and regulation in Arabidopsis |
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| 11.40-12.00 | Göran Samuelsson | The PSII-bound carbonic anhydrase in Chlamydomonas enhances the rate of O ₂ production by H ⁺ removal |
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| 12.00-12.30 | Philippe Grapin | Arabidopsis Seed Proteomics: Protein Metabolism in the Control of Dormancy and Longevity |
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12.30-13.15 Poster session

13.15-14.30 Lunch

14.30-16.50 Session 4 Tree breeding/Genetic variation /Poplar genomics

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| 14.30-15.00 | Sebastien Duplessis | The sequencing of the Populus community genome for a better understanding of the tree-microbe interactions |
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| 15.00-15.30 | Catherine Bastien | An integrated population genomics approach on rust resistance in poplar |
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15.30-16.00 Coffee

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| 16.00-16.30 | Urban Johansson | Evolution and natural variation in expression profiles of plant aquaporins |
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| 16.30-16.50 | Rosario Garcia Gil | Pine genome evolution: The PHY gene family. |
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17.00-17.45 Session 5 Intellectual Property

Bernard Teyssendier	EPIPAGRI
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Petter Gustafsson	IP at UPSC
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Philippe Lénée	INRA-transfert
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17.45-19.00 Poster session

19.00- Dinner

Wednesday 17/10

09.00-13.00 Session 6 Metabolism / Physiology / Nutrition

09.00-09.30	Jean-Pierre Jacquot	Glutathione peroxidases, structure, function and role in redox control in poplar
09.30-09.50	Gunnar Wingsle	Proteomics in Poplar
09.50-10.20	Francoise Vedele	Nitrogen use efficiency in <i>Arabidopsis thaliana</i> : from functional genomics to quantitative genetic
10.20-10.40	Leszek Kleczkowski	UDP-glucose pyrophosphorylase: from gene expression to protein structure
10.40-11.10	Coffee	
11.10-11.30	Torgny Näsholm	Amino acid uptake and utilization by plants
11.30-12.00	Céline Masclaux	Nitrogen recycling and assimilation in <i>Arabidopsis thaliana</i> during leaf ageing
12.00-12.20	Per Gardeström	Mitochondria and dark-induced senescence
12.20-12.50	Pierre Dizengremel	Cellular aspects of ozone flux and impact on higher plant metabolism
12.50-13.00	Closing remarks	
13.00	Lunch	