

## Detailed Programme

### Program – October 10, 2018

ARRIVAL AND LUNCH 12:45 – 13:45

OPENING REMARKS 13:45 – 14:00

**SESSION I: EVOLUTIONARY DEVELOPMENT 14:00 – 15:05**

**Chair: Veronika Balakhonova**

- **Keynote: Angela Hay, MPIPZ Cologne, DE** 14:00 – 14:35  
*“Explosive seed dispersal”*
- **Kimmo Kivivirta, University Gießen, DE** 14:35 – 14:50  
*“Phylotranscriptomics to unravel the origin of angiosperms”*
- **Siti Nur Aishah Mohd Kamal, Univ. of Leicester, UK** 14:50 – 15:05  
*“The evolution and function of novel genes in plant sperm development”*

**SESSION II: ROOT GROWTH AND DIFFERENTIATION 15:05 – 16:10**

**Chair: Abigail Cuyacot**

- **Keynote: Matyáš Fendrych, CU Prague, CZ** 15:05 – 15:40  
*“Root growth inhibition by auxin – rapid and reversible branch of TIR1/AFB auxin signaling”*
- **Thoma Rahere, MPIPZ Cologne, DE** 15:40 – 15:55  
*“LATERAL SUPPRESSOR is branching out”*
- **Eliana Mor, VIB-UGent, BE** 15:55 – 16:10  
*“A molecular framework for the control of cell division orientation during vascular development”*

COFFEE BREAK 16:10 – 16:40

**SESSION III: SHOOT AND FLOWER DEVELOPMENT 16:40 – 17:45**

**Chair: Roman Hudeček**

- **Keynote: Kerstin Kaufmann, HU Berlin, DE** 16:40 – 17:15  
*“Epigenetic control of gene activation in Arabidopsis flower development”*
- **Yan Ji, UPSC, Umea University, SE** 17:15 – 17:30

*“NEP activity is essential for plastid gene expression during the early phase of chloroplast development”*

- **Michael Fuchs, COS, University of Heidelberg, DE** 17:30 – 17:45  
*“On the cell-to-cell movement capacities of the plant stem cell regulator WUSCHEL”*

**SESSION IV: CAREER DEVELOPMENT & INDUSTRY** 17:45 – 18:15

**Chair: Moritz Nowack**

- **Stefan Schwarz, KWS Saat Ag, Einbeck, DE** 17:45 – 18:00  
*“Seeding the future with KWS - Career opportunities at a leading plant breeding company”*
- **Carsten Richter, Conviron GmbH, Berlin, DE** 18:00– 18:15  
*“Importance of growth chamber conditions for uniform plant growth”*

**DINNER** 18:30 – 19:30

**POSTER SESSION I:** 19:30 – 21:30

(Drinks can be purchased during the poster session)

## Program – October 11, 2018

**BREAKFAST** 08:00 – 09:00

**SESSION V: HORMONES IN PLANT DEVELOPMENT** 09:10 – 10:15

**Chair: Anne-Laure Le Gac**

- **Keynote: Ana Caño-Delgado, CRAG Barcelona, SP** 09:10 – 09:45  
*“Renew or die: Brassinosteroid signalling in stem cell development”*
- **Nina Tonn, COS, Heidelberg University, DE** 09:45 – 10:00  
*“SMXL3/4/5 act as early regulators of phloem formation in Arabidopsis thaliana”*
- **Abigail Rubiato Cuyacot, CEITEC Masaryk Univ. CZ** 10:00 – 10:15  
*“Dissecting the mechanism of cytokinin-ethylene crosstalk in the control of multistep phosphorelay signaling and its role in the root development”*

**COFFEE BREAK** 10:15 – 10:45

**SESSION VI: INTERCELLULAR COMMUNICATION** **10:45 – 11:50**

**Chair: Eliana Mor**

- **Keynote: Yoselin Benitez-Alfonso, U Leeds, UK** **10:45 – 11:20**  
*“Towards understanding the role of callose and cell walls in the regulation of plasmodesmata and developmental signaling”*
- **Pamela Aceves-García, University of Freiburg, DE** **11:20 – 11:35**  
*“Epigenetic regulation of the columella stem cell niche in Arabidopsis thaliana by WOX5”*
- **Philip Kirk, University of Leeds, UK** **11:35 – 11:50**  
*“Regulation of plasmodesmata and root responses to abiotic stresses”*

**LUNCH** **12:00 – 13:00**

**SESSION VII: REPRODUCTIVE DEVELOPMENT I** **13:10 – 14:15**

**Chair: Nina Tonn**

- **Keynote: Arp Schnittger, U Hamburg, DE** **13:10 – 13:45**  
*“The cell biology of genetics”*
- **Joram van Boven, Uppsala University, SE** **13:45 – 14:00**  
*“Generating new imprinted genes by mobilizing transposable elements”*
- **Kostika Sofroni, U Hamburg, DE** **14:00 – 14:15**  
*“Control of meiotic progression through cyclin-dependent kinase complexes”*

**SESSION VIII: REPRODUCTIVE DEVELOPMENT II** **14:15 – 15:20**

**Chair: Philip Kirk**

- **Keynote: Stefanie Sprunck, U Regensburg, DE** **14:15 – 14:50**  
*“Gamete activation and fusion in flowering plants”*
- **Anastasiia Bazhenova, University of Regensburg, DE** **14:50 – 15:05**  
*“Assembly, localization and translational control of WUS-/WOX-containing mRNPs in Arabidopsis”*
- **Yuliya Fedorova, University of Freiburg, DE** **15:05 – 15:20**  
*“WOX2 function in the zygote”*

**COFFEE BREAK** **15:20 – 15:50**

**SESSION IX: SYSTEMS BIOLOGY AND MODELLING** **15:50 – 16:55**

**Chair: Rahere Thoma**

- **Keynote: James Locke, SLCU Cambridge, UK** **15:50 – 16:25**  
*“The plant circadian clock at the single cell level”*
- **Kseniya Timofeyenko, CEITEC Masaryk University, CZ** **16:25 – 16:40**  
*“Evolutional conservation of alternative splicing in plants”*
- **Chloé Pocard, MPIPZ Cologne, DE** **16:40 – 16:55**  
*“Analysis of a transcriptional network that induces floral development at the shoot meristem in response to environmental cues”*

**POSTER SESSION II** **17:00 – 18:30**

(Snacks are provided, drinks can be purchased during the poster session)

**WINE TASTING AND DINNER IN WÜRZBURG** **18:45 – 23:00**

**Program – October 12, 2018**

**BREAKFAST** **08:00 – 09:00**

**SESSION X: SIGNALLING AND LIVE CELL IMAGING** **09:10 – 10:15**

**Chair: Yuri van Ekelenburg**

- **Keynote: Alex Costa, University of Milan, IT** **09:10 – 09:45**  
*“Light Sheet Fluorescence Microscopy for visualization of Calcium Dynamics in Root and Root Hair Cells of Arabidopsis thaliana”*
- **André Kuhn, John Innes Center, UK** **09:45 – 10:00**  
*“A non-canonical auxin-signalling mechanism regulates gene expression by affecting chromatin dynamics”*
- **Anna Reichelt, COS, University of Heidelberg, DE** **10:00 – 10:15**  
*“Initiating polar growth in plant cells – Functions of RopGEF3 in root hair development in Arabidopsis thaliana”*

**COFFEE BREAK** **10:15 – 10:45**

**SESSION XI: GENOME EDITING IN PLANT SYSTEMS** **10:45 – 11:50**

**Chair: Chao Yang**

- **Keynote: Thomas Jacobs, VIB Ghent, BE** **10:45 – 11:20**  
*“In the beginning... there was Cas 9”*
- **Alex Cavalleri, University of Milan, IT** **11:20 – 11:35**  
*“Auxin independent MONOPTEROS activity during ovule development”*
- **Marta Cubria Radio, VIB Ghent, BE** **11:35 – 11:50**  
*“Unravelling the transcriptional regulation of developmental programmed cell death in Arabidopsis thaliana”*

**AWARDS AND CLOSING REMARKS** **11:50 – 12:00**

**LUNCH** **12:00 – 13:00**

**DEPARTURE** **13:00**