

International Conference “Plant Development: Systems Approach” (June 28-29, 2019)	
June 28 (Friday)	
08.00 - 17.00	Registration
09.00 - 09.20	Opening Welcome address by Alisher Touraev (Local Organizer, Austria) Welcome address by Klaus Palme (Conference Co-Chair, Germany)
09.20 - 10.30	Keynote Lecture: Jan Traas (France): Leaf Morphogenesis: from Morphodynamics to Morphomechanics
10.30 - 11.00	Coffee break
11.00 - 12.30:	Session I: Seed Development, Dormancy & Germination
<i>Chairs</i>	<i>Hiroyuki Nonogaki (USA) & Jan Traas (France)</i>
11.00 - 11.25 (+5)	Hiroyuki Nonogaki (USA): Seed Germination and Dormancy: Novel Mechanisms and Evolutionary Questions
11.30 - 11.45 (+5)	Wojciech Glinkowski (Poland): Characterization of Transport-Related Genes in Developing Pods and Seeds of Yellow Lupine (<i>Lupinus luteus</i>) Based on the RNA-Seq Analysis
11.50 - 12.05 (+5)	Modesto Berbel Cascales (Spain): NAM Genes are Involved in the Control of the Fusion and Number of Stamens in Papaveraceae Juss
12.10 - 12.25 (+5)	Mariapina Rocco (Italy): Modern Wheat Variety vs Ancient One: Germination and Development, a Focus on Gibberellin Expression
12.30 - 14.00	Lunch + Poster Session (all numbers)
14.00 - 15.30	Session II: Leaf Development
<i>Chairs</i>	<i>Stephan Wenkel (Denmark) & Pascal Ratet (France)</i>
14.00 - 14.20 (+5)	Stephan Wenkel (Denmark): The Shady Side of Leaf Development: The Role of the REVOLUTA/KANADI1 Module in Leaf Patterning and Auxin-Mediated Growth Promotion
14.25 - 14.45 (+5)	Pascal Ratet (France): Lotus Japonicus NOOT-BOP-COCH-LIKE1 is Essential for Nodule, Nectary, Leaf and Flower Development.
14.50 - 15.05 (+5)	Xiangnan Li (China): Induction of Cold Tolerance by Priming and Stress Memory in Crops
15.10 - 15.25 (+5)	Ismael Mazuecos Aguilera (Spain): Molecular and Functional Characterization of INAPERTURATE POLLEN1 in the Basal Eudicot <i>Eschscholzia Californica</i>
15.30 - 16.00	Coffee break
16.00 - 17.30	Session III: Root Development
<i>Chairs</i>	<i>Keith Lindsey (UK) & Ji-Young Lee (South Korea)</i>
16.00 - 16.20 (+5)	Keith Lindsey (United Kingdom): Control of Root Development in Arabidopsis
16.25 - 16.45 (+5)	Ji-Young Lee (South Korea): Systems Approach to Identify Gene Modules that

	Regulate Storage Root Growth and Yields
16.50 - 17.05 (+5)	Kseniia Kuznetcova (Russia): Role of CLE Peptides in Storage Root Development in Raphanus, Brassica and Beta species
17.10 - 17.25 (+5)	John Schiefelbein (USA): Single-Cell RNA Sequencing of Arabidopsis Roots
17.30 - 19.00	Welcome Reception + Poster Session (all numbers)
19.00 - 22.00	Conference Dinner Party Traditional Austrian food and wine, located in one of Vienna's famous 'Heurigen' Cost: 50,- EUR
June 29 (Saturday)	
08.00 - 17.00	Registration
09.00 - 10.30	Session IV: Flower Development
<i>Chairs</i>	<i>Annette Becker (Germany) & Kasper van Gelderen (Netherlands)</i>
09.00 - 09.20 (+5)	Annette Becker (Germany): CRABS CLAW Acts as a Bifunctional Transcription Factor in Flower Development
09.25 - 09.45 (+5)	Kasper van Gelderen (Netherlands): Light Signaling, Root Development, and Plasticity
09.50 - 10.05 (+5)	Martina Cerise (Italy): OsFD4 Promotes Flowering in Rice by Interacting with the Florigens
10.10 - 10.25 (+5)	Milena Kulasek (Poland): Auxin Spacio-Temporal Distribution in Lupinus Luteus Pistils and Stamens during Floral Development and Abscission
10.30 - 11.00	Coffee break
11.00 - 12.30	Session V: Hormones in Plant Development
<i>Chairs</i>	<i>Klaus Palme (Germany) & Stefan de Folter (Mexico)</i>
11.00 - 11.20 (+5)	Klaus Palme (Germany): Data driven Modeling Reveals Crucial Roles of Intra- and Extracellular Auxin Flux in Regulation of Diverse Developmental Functions
11.25 - 11.45 (+5)	Stefan de Folter (Mexico): The Integration of Transcription Factor and Hormone Signaling Functions during Gynoecium Development
11.50 - 12.05 (+5)	Václav Motyka (Czech Republic): Cytokinin N-Glucosides and their Role in Control of Plant Development
12.10 - 12.25 (+5)	Natalia Tikhenko (Germany): Hormonal Stress during in Vitro Culture Stops the Postzygotic Barriers and Leads to Changes of the Program of Embryo Development in Intergeneric Hybrids of Cereals
12.30 - 14.00	Lunch + Poster Session (all numbers)
14.00 - 15.30	Session VI: Signaling & Epigenetics During Plant Development
<i>Chairs</i>	<i>Benoit Menand (France) & Philippe Gallusci (France)</i>
14.00 - 14.30 (+5)	Benoit Menand (France): A Pharmacogenetic Approach to Decipher the Role of the TOR Signaling Pathway in Plant Growth and Development

14.35 - 15.05 (+5)	Philippe Gallusci (France): Epigenetics for Plant Improvement: Current Knowledge and Modeling Avenues
15.10 - 15.30	<i>Closing Ceremony & Conference Photo</i>