

DCPS Day 2016

October 6, 2016

Venue – Lecture Hall of Botanical Museum, Königin-Luise-Str. 6-8, 14195 Berlin

13.00-13:10 **Welcome and opening** – Thomas Schmülling

Session 1 – Chair: Oksana Buzhdygan (DRS POINT fellow)

13:10-13:25 **New Arrival**

Daniel Schubert (Epigenetics of Plants) – Epigenetic control of cell fate in plants

13:25-13:40 **New Arrival**

Lennart Wirthmüller (Plant Stress Signalling) – PARP and pseudo-PARP function in plant stress signalling

13:40-13:55 **New Arrival**

Julien Bachelier (Functional Morphology and Diversity) – Comparative studies of flower and seed development, and their implications for the systematics and the evolution of flowering plants

13:55-14:40 **Invited Speakers**

Anke Fischer (Profund Innovation) and Felix Evert (Founder of Sample of Science) – Knowledge & Technology Transfer at Freie Universität Berlin & Sample of Science for Publishers

14:40-15:25 **Picture of Participants**

Coffee Break I

Session 2 – Chair: Sarah Lederer (PhD student representative)

15:25-15:40 **Applied Genetics – Molecular Plant Genetics | Interdisciplinary DCPS Project**

Kevin Mielich (AG Kunze) – Plant transposable elements as tools in eukaryotic microorganisms

15:40-15:55 **Pharmaceutical Biology | Interdisciplinary DCPS Project**

Simko Sama (AG Melzig) – Novel transfection enhancing effects of *Gypsophila elegans* M. Bieb.

15:55-16:10 **Systematic Botany and Plants Geography**

Michael Grünstäudl (AG Borsch) – Statistical hybrid detection and its impact on inferring ancestral distribution areas - an example from island plants

16:10-16:25 **Plant Physiology**

Andreas Prescher (AG Baier) – The role and regulation of the tAPX in cold memory

16:25-16:40 **Ecology of Plants**

Kriszta Vályi (AG Rillig) – Research at the Plant, Fungal and Soil Ecology Lab - Highlight: Community Phylogenetics of AM fungi

16:40-16:55	Biodiversity Research Group Camille Guilbaud (AG Tietjen) – Tragedy of the commons in annual plants
16:55-17:10	Applied Genetics – AG Johansson Henrik Johansson – The role of HY5-interacting B-Box proteins in light signalling
17:10-17:30	Coffee Break II
	Session 3 – Chair: Kevin Mielich (PhD student representative)
17:30-17:45	Biochemistry of Plants Anja Liese (AG Romeis) – Calcium-dependent protein kinases (CDPKs) in plant stress signaling
17:45-18:00	Applied Zoology – Molecular Ecology Sylvia Drok (AG Steppuhn) – Oviposition reveals the identity of upcoming herbivores to <i>Nicotiana attenuata</i>
18:00-18:15	Applied Genetics – Molecular Developmental Biology of Plants Anne Cortleven (AG Schmülling) – Cytokinin protects from circadian stress acting on the biological clock
18:15-18:30	Biodiversity Research Group Interdisciplinary DCPS Project Gregor Ratzmann (AG Tietjen) – Sustainable management of feedbacks between the biosphere and the water cycle in savanna systems
18:30-18:45	Plant Ecology – Functional Biodiversity Dinesh Kafle (AG Wurst) – Transgenerational priming of <i>Nicotiana attenuata</i> plants by above- and belowground herbivory
18:45-19:00	BGBM – Research Group Diatoms Demetrio Mora (AG Jahn) – Epilithic diatoms in streams from central Mexico: identification by morphology and DNA barcoding
19:05	Get-together