



1st INTERNATIONAL CEPLAS SYMPOSIUM 2013

FROM COMPLEX TRAITS TOWARDS SYNTHETIC MODULES

THURSDAY MAY 2nd 2013

MAX PLANCK INSTITUTE FOR PLANT BREEDING RESEARCH, COLOGNE

- 10.00 WELCOME**
Prof. Dr. Andreas Weber, Heinrich Heine University
- 10.15 Dr. Waltraud Kreutz-Gers, Ministerium für
Innovation, Wissenschaft und Forschung des Landes Nordrhein-
Westfalen
- 10.30 Prof. Dr. Dr. H. Michael Piper,
President of the Heinrich Heine University
- 10.45 OPENING LECTURE**
Dr. Günter Strittmatter
Head of Research and Development, KWS SAAT AG
Plant Breeding Today and Tomorrow
- 11.30 BRUNCH BUFFET**
- 12.30 Session 1: Annual and Perennial Life History**
Prof. Dr. George Coupland, Max Planck Institute for Plant
Breeding Research
tba
- 13.05 Prof. Dr. Johanna Schmitt, University of California
Mapping Life History Responses to Climate in Arabidopsis thaliana
- 13.40 Prof. Dr. Christian Jung, University of Kiel
tba
- 14.15 COFFEE BREAK**
- 14.35 Session 2: C4 photosynthesis**
Prof. Dr. Rowan Sage, University of Toronto
Dissecting C4 Evolution
- 15.10 Prof. Dr. Jane Langdale, University of Oxford
Regulation of Kranz Anatomy in Maize
- 15.45 Prof. Dr. Peter Westhoff, Heinrich Heine University
Decoding Function and Development of a C4 Leaf
- 16.20 KEY NOTE LECTURE 1**
Prof. Dr. Stephen Long, University of Illinois
tba
- 17.05 CONCLUDING REMARKS**

FRIDAY MAY 3rd 2013

HEINRICH HEINE UNIVERSITY DÜSSELDORF, LECTURE HALL 6B

- 09.00 Session 3: Plant microbe interactions**
Prof. Dr. Laura Rose, Heinrich Heine University
*What's Going on in There? A Peek at the Secret Life Inside of
Plants*
- 09.35 Prof. Dr. Julia Vorholt, ETH Zürich
Life on leaves: Commonality in Diversity
- 10.10 Prof. Dr. Francis M. Martin, INRA Nancy
*Exploring the Genome Diversity of Mycorrhizal Fungi to Understand the
Evolution and Functioning of Mutualistic Symbioses*
- 10.45 COFFEE BREAK**
- 11.00 Session 4: Metabolic Interactions**
Prof. Dr. Ulf-Ingo Flügge, University of Cologne
Plant Metabolism: From Biotic Challenges to Synthetic Biology
- 11.35 Prof. Dr. Barbara Ann Halkier, University of Copenhagen
Transport and Pathway Engineering of Glucosinolates
- 12.10 Prof. Dr. Natalia Doudareva, Purdue University
tba
- 12.45 KEY NOTE LECTURE 2**
Prof. Dr. Birger Lindberg Møller, University of
Copenhagen
Light driven synthesis of secondary metabolites in the chloroplast
- 13.30 CONCLUDING REMARKS**

