



Summer School 2014 Collaborative Research Centre 973

„Mechanisms and Consequences of Information Storage and Retrieval in Plants and Microbes“



Wednesday, August, 20, 2014

- 09:20 **Welcome and Get-together**
Tina Romeis
- PROGRESS REPORT**
09:30 Diana Andrade (Project A1)
Priming effects in arbuscular mycorrhizal and other soil fungi
- 10:00 Anna Stief (Project A2)
Priming the chromatin in response to heat stress in Arabidopsis thaliana
- Coffee Break**
- 10:50 Sieke Schaepe (Project A4)
CDPKs in priming in response to low temperature in Arabidopsis thaliana
- 11:20 Mastoureh Sedaghatmehr (Project A5)
Priming through H₂O₂-mediated signalling in Arabidopsis
- 11:50 Discussion Area A
- Lunch**
- LECTURE**
14:00 Prof. Dr. Jürgen Zeier
Plant systemic acquired resistance and associated defense priming responses are mediated by the non-protein amino acid pipecolic acid
- Coffee Break**
- 16:00 Discussion

Thursday, August, 21, 2014

- PROGRESS REPORT**
09:00 Daniela Pezzetta (Project C1)
Priming of environmental responses in Arabidopsis thaliana by cytokinin
- 09:30 Tiziana Guerra (Project C2)
Priming in biotic stress responses mediated by CDPK signalling
- Coffee Break**
- 10:20 Jens Schwachtje (Project C3)
Impact of root- and leaf-associated bacteria on metabolic priming of Arabidopsis for subsequent bacteria colonisation
- 10:50 Jelena Cvetkovic (Project C4)
The chloroplast antioxidant system in priming stress responses
- 11:20 Alexandro Rodriguez (Project C5)
Bacterial stress responses against natural and synthetic antimicrobials
- 11:50 Discussion Area C
- Lunch**
- LECTURE**
14:00 Prof. Dr. Kursad Turgay
Thermotolerance in Bacillus subtilis
- Coffee Break**
- 16:00 Discussion
- 17:00 **Barbecue Party @ Pflaphy**

Friday, August, 22, 2014

- PROGRESS REPORT**
10:00 Elisabeth Eilers (Project B1)
Priming of defence in elm by herbivores
- 10:30 Dinesh Kafle (Project B3)
Priming of plant defence by below- and aboveground herbivores
- Coffee Break**
- 11:20 Jana Oberländer (Project B4)
Priming of defence against herbivores feeding upon Arabidopsis thaliana
- 11:50 Discussion Area B
- Lunch**
- LECTURE**
14:00 Prof. Dr. Nicolaus von Wirén
Morphological adaptations by plant roots to changing nutrient availabilities
- Coffee Break**
- 16:00 Discussion
- LOCATION:**
Konrad-Zuse-Zentrum für Informationstechnik Berlin
Takustraße 7
14195 Berlin-Dahlem