

3rd International Symposium of SFB 607/ March 07th – 08th, 2006
Mechanisms of Growth, Competition and Stress Defense in Plants

Center of Life and Food Sciences, WZW, Technische Universität München
Lecture Hall 16, Am Forum 6, Campus, Freising – Weihenstephan

Tuesday March 7, 2006

- 9.00 h Addresses of welcome
- 9.10 h Introduction by the speaker of the SFB R. Matyssek
- 9.40 h Keynotespeaker Julia Koricheva:
 “Reviewing trade-offs in plant resistance
 to herbivores by means of meta-analysis”
- 10.20 h Coffee break
- 10.50 h Keynotespeaker David Karnosky:
 “Effects of atmospheric ozone and carbon dioxide on intra-
 and inter-specific competitive ability of aspen”
- 11.30 h presentation from SFB: C 2/ C 3:
 “Modelling plant-plant and plant-pathogen interactions
 from individual to stand level”
- 11.55 h Foto / Lunchtime
- 13.30 h Keynotespeaker Sergio Pascholati
 “Investigations on metabolism/ energy allocation costs for
 systemic induced resistance on the control of plant pathogens”
- 14.10 h presentation from SFB: A 1 / A 6 / A 9:
 “Molecular and physiological studies on the response
 of European beech on biotic and abiotic stresses”
- 14.50 h Coffee break
- 15.25 h presentation from SFB: A 8/ A 10:
 “Impact of N-nutrition on pathogen-induced gene expression
 in apple and potato cultivars”
- 15.55 h Keynotespeaker Ruediger Hampp
 “The rhizosphere: get, deliver and compete”
- 16.35 h presentation from SFB: B 5/ B 6:
 “Resource allocation of juvenile trees in response to interplant
 competition and stress defence”
 “The use of compartmental models to analyze the structure
 and function of plant systems – Extending the interpretation of
 results from 13C- and 15N-labelling experiments”

17.15 h General Discussion Day 1

18.15 h Dinner-buffet

Wednesday March 8, 2006

9.00 h Keynotespeaker Angela Hodge:
"Plastic plants, rhizosphere micro-organisms and patchy nutrients"

9.40 h presentation from SFB: B 7/ B 9/ B 12:
"Belowground space sequestration of ectromycorrhizal mycelia"
"Ozone effects in the plant-rhizosphere-bulk soil system of young beech trees"
"influence of ozone on processes in the mycorrhizosphere"

10.20 h Coffee break

10.50 h Keynotespeaker Annikki Mäkelä
"The significance of structural adaptations and acclimations for modelling growth allocation"

11.30 h presentation from SFB: B 1/ B 2:
"Climate and free air ozone fumigation in Kranzberg Forest and their effect on growth of mature spruce and beech trees"

11.55 h presentation from SFB: B 4/ B 10:
"Competitiveness of beech and spruce – is offense the best defense?"

12.20 h Lunchtime

14.00 h Keynotespeaker Niels Anten:
"Nitrogen allocation in competing plants: simple optimisation or a game?"

14.40 h presentation from SFB: C 7:
"Learning Methods to Analyse Data from Different Stress Experiments"

15.05 h Coffee break

15.40 h General Discussion Day 2

17.00 h end

Registration:

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Registration fee: € 25
(incl. meals, coffee, abstracts)

students free of charge

Further informations:
www.sfb607.de