

Acclimation, stress and regulation of photosynthesis

Chair: E.-M. Aro (Turku, FIN), J.F. Bornman (Slagelse, DEN)

Invited Lectures:

Analysis of state transitions in *Chlamydomonas* and *Arabidopsis*

J.-D. Rochaix, S. Bellafiore, F. Barneche, L. Legendre, A. Willig, S. Miras (Geneva, SUI)

Elucidating the Mg-ProtoIX mediated signalling pathway

Å. Strand (Umeå, SWE)

Carbon metabolite sensing and signalling: the role of the trehalose pathway

M.J. Paul (Harpenden, GBR)

Chloroplast-mediated regulation of *Arabidopsis* transcriptome

M. Piippo, Y. Allahverdiyeva, N. Battchikova, E.-M. Aro (Turku, FIN)

Oral Presentations:

Singlet oxygen as a stress factor and signal in *Rhodobacter*

J. Glaeser¹, M. Zobawa², F. Lottspeich², G. Klug¹ (¹Giessen, GER; ²Martinried, GER)

Molecular events underlying excitation energy control in the Photosystem II antenna

A.V. Ruban (Sheffield, GBR)