

Metabolism and Functions of Reactive Nitrogen Oxides in Plants

Organizers: Werner M. Kaiser (University of Würzburg)
Hiromichi Morikawa (Hiroshima University)

13:00 Opening address Hiromichi Morikawa (Hiroshima University)

Chairperson: Hiromichi Morikawa (Hiroshima University)

13:05 **S8-1** Regulation of nitrate reductase-dependent NO production
Werner M. Kaiser, Peter Rockel¹
(Lehrstuhl für Molekulare Pflanzenphysiologie und Biophysik, Univ. of Würzburg,
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Atmosphäre/Germany)

13:45 **S8-2** Nitric oxide production catalyzed by nitrate reductase: an alternative
pathway for NO production in plants
Hideo Yamasaki (Fac. Sci., Univ. Ryukyus)

Chairperson: Werner M. Kaiser (University of Würzburg)

14:25 **S8-3** Nitric oxide - a new player in plant defense responses
Joerg Durner (National Research Center for Environment and Health/Germany)

15:05 **S8-4** Metabolism of nitrogen oxides in plants - formation of UN compounds and N₂O
Hiromichi Morikawa, Misa Takahashi, Yoshifumi Kawamura
(Department of Mathematical and Life Sciences,
Graduate School of Science, Hiroshima University)

15:45 Concluding remarks Werner M. Kaiser (University of Würzburg)