

5. Plant Science Mini-Symposium

Date: July 12, 2018

Start: 16:00

Overall time: 150 min (16.00-18.30)

Tentative venue address: GEOMAR-Biotech, Am Kiel Kanal 44, 24106 Kiel

Length of talks: 20 min

Number of talks scheduled: 4

Agenda

16.00 – 16.15 Arrival, coffee & cookies

16.15 – 16.20 Welcome words: Prof. Dr. Deniz Tasdemir, Prof. Dr. Eva Stukenbrock

16.20 - 16.40 **Frauke Pescheck** (CAU Botanical Institute, Dep. Plant Ecophysiology). UV-resistance strategies in green macroalgae

16.40 -17.00 **Hartmut Kaiser** (CAU Chair for Plant Nutrition). The role of apoplastic pH in leaf water homeostasis and stomatal responses: Insights from in-situ-microfluorometry under defined changes of leaf water content

17.00-17.20 Coffee break

17.20-17.40 **Delphine Parrot** (GEOMAR, RU Marine Natural Products Chemistry/GEOMAR-Biotech). Imaging mass spectrometry: A powerful tool to investigate the spatial distribution of metabolites in marine macroorganisms

17.40-18.00 **Thomas Stegemann** (CAU Botanical Institute, Dep. Biochemical Ecology and Molecular Evolution). A multifaceted approach to elucidate the pathway of pyrrolizidine alkaloid biosynthesis

18.00-18.30 guided tour through GEOMAR-Biotech (ca. 30 min)