

# **Plant photobiology in extreme environments**

Chair: T.V. Callaghan (Abisko, SWE)

## **Invited Lectures:**

### **Plants in cold environments: an introduction to the symposium**

T.V. Callaghan (Abisko, SWE)

### **Tracking ancient UV-B fluxes**

B. Lomax<sup>1</sup>, D Beerling<sup>1</sup>, T Callaghan<sup>1,2</sup>, W Fraser<sup>3</sup>, M Harfoot<sup>4</sup>, J Pyle<sup>4</sup>, S Self<sup>3</sup>, M Sephton<sup>3</sup>, C Wellman<sup>1</sup> (<sup>1</sup>Sheffield, GBR; <sup>2</sup>Abisko, SWE; <sup>3</sup>Milton Keynes, GBR; <sup>4</sup>Cambridge, GBR)

### **Can marine microorganisms influence the melting of the Arctic pack ice?**

C. Leck (Stockholm, SWE)

### **Snow and ice cyanobacteria and algae and their succession to deglaciated environments**

J. Elster (České Budějovice, CZE)