

Invitation for all students and staff

LECTURE

Hyperspectral imaging in plant biology and environmental research



Date: May 21, 2019

Room: The lecture will take place in the seminar room of the Department of Experimental Plant Biology, Faculty of Science, Charles University, Viničná 5, 2nd floor, room no. 213 – end of the corridor.

Time: 3 pm



Markku Keinänen

Markku Keinänen is a professor in biological and biomedical spectral imaging at the University of Eastern Finland. Although originally trained as a chemical ecologist at the UEF, his research interests have since shifted to molecular approaches in plant herbivore interaction and molecular genetics of reactive oxygen species signaling, plant ecophysiology, and during the last five years, to optical approaches in plant phenotyping, particularly hyperspectral imaging. He has over 20 years' experience in metabolomics and plant stress biology, and strong expertise in different analytical and spectroscopic methods. He has been responsible for establishing the UEF Spectromics laboratory, focusing on optical approaches for high-precision phenotyping, and leads the UEF node of the Finnish National Plant Phenotyping Infrastructure (NaPPI), shared with the University of Helsinki.



Czech University of Life Sciences Prague

Faculty of Forestry
and Wood Sciences