

PROGRAM

9:00 – 9:30	Registration and coffee
9:30 – 9:35	Jiří Nantl (Director of CEITEC MU, Czech Republic) Opening remarks
9:35 – 9:50	Lukáš Spíchal (coordinator of CzPPN, Palacký University, Czech Republic) Welcome address and CzPPN news
9:50 – 10:20	Llorenç Cabrera-Bosquet (INRA, France) Dealing with multi-source and multi-scale information in Plant Phenomics: the PHIS ontology-driven Information System
10:20 – 10:40	Karel Klem (CzechGlobe, Czech Republic) Phenotyping for drought tolerance. From labs to fields
10:40 – 11:10	Coffee break
11:10 – 11:40	Jeremy Harbinson (Wageningen University, Netherlands) Photosynthetic phenotyping and the genetics of photosynthesis
11:40 – 12:00	Mirko Pavicic (University of Helsinki, Finland) Using chlorophyll fluorescence to discover resistance against necrotrophic pathogens
12:00 – 12:20	Stefanie Koemeda (Vienna Biocenter Core Facilities, Austria) Flexible environments for Arabidopsis phenotyping and an automated user report on raw LemnaTec data
12:20 – 12:40	Lennart Verbraeken and Stien Mertens (Ghent University, Belgium) Presenting Phenovision: a high-throughput phenotyping platform featuring RGB, thermal infrared and hyperspectral imaging and the challenges for unlocking its full potential
12:40 – 13:30	Lunch
13:30 – 13:50	Roland Pieruschka (Forschungszentrum Jülich, Germany) Phenotyping for better understanding and improvement of crops by using integrated approaches
13:50 – 14:05	Natalia Madzia Valasevich (CEITEC MU, Czech Republic) Environmental simulation and phenotyping at CEITEC MU
14:05 – 14:20	Lukáš Spíchal (coordinator of CzPPN, Palacký University, Czech Republic) High-throughput image-based shoot phenotyping at OloPhen
14:20 – 14:35	Klára Panzarová (Photon Systems Instruments, Czech Republic) Innovative technology for plant cultivation and integrative phenotyping
14:35 – 15:00	Closure, coffee break and discussion
After 15:00	Parallel excursion tours (optional):
15:00 – 15:30	Plant Sciences Core Facility, CEITEC, Brno.
15:00 – 17:00	PSI research center with HT phenotyping platform, Drasov.