4TH AUSTRIAN PLANT PHENOTYPING NETWORK MEETING

APPN
Austrian Plant Phenotyping Network

EMPHASIS

CONFIRMED SPEAKERS

Carlos Trujillo-Moya & Muhammad Ahmad (BFW) - *"High-throughput phenotyping integrated with metabolomics and transcriptomics reveals a new fine-scale method to study drought stress in Norway spruce seedlings"*

Claudia Jonak (AIT)
"Multilayered phenotyping to uncover resilience to temperature and water stress in Camelina sativa"

Markus Puschenreiter (BOKU/MUL)
"Beneficial effects of carbon from methane plasmalysis on soil conditions and plant growth"

Markus Teige (UniVie)
H2020 project: "ADAPT – Accelerated development of multiple - stress tolerant potato"

Verena Ibl (UniVie)
"A bench-top Dark-Root device built with LEGO® bricks enables a non-invasive plant root development analysis in soil conditions mirroring nature"

Dominik Grosskinsky (AIT)
"Sensor-based and physiological phenotyping approaches to support crop improvement"

David Major (VRVis)
"Satellite image super-resolution for enhanced agriculture monitoring"

DATE: 23rd May 2024

VENUE: IMP lecture hall, VBC, Vienna, Austria

ABSTRACT SUBMISSION:
31st March 2024

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FACILITY TOUR #PHENOPlant
Controlled environenment, multi-sensor, high-throughput plant phenotyping research infrastructure

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APPN meeeting partner (chronological order):

Vienna BioCenter CORE FACILITIES
IMP Research Institute of Molecular Pathology
PHOTON SYSTEMS INSTRUMENTS
PhenoVation Life Sciences
hiphen Agricultural Imaging Solutions
LemnaTec MEMBER OF THE NYNOMIC GROUP