

APPN Workshop: Multispectral 3D Plant Imaging

PHENOSPEX F500 IN ACTION WITH YOUR PLANTS

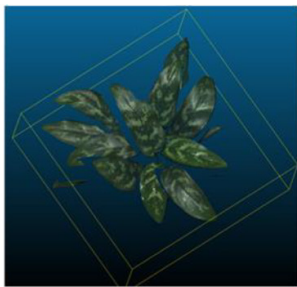
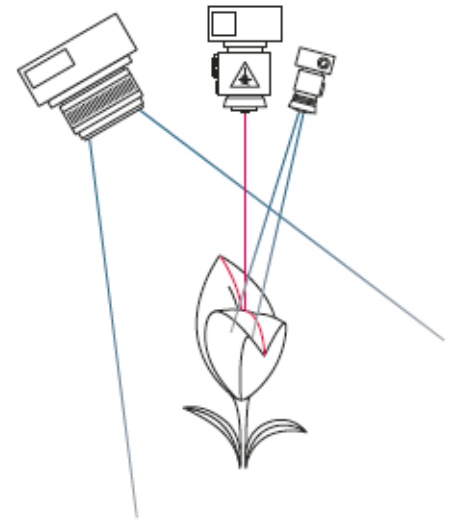
We will cultivate and scan YOUR plants – with hands-on data analysis to be performed during the workshop – including follow-up discussion of results in individual meetings.

October 12th & 13th
2017

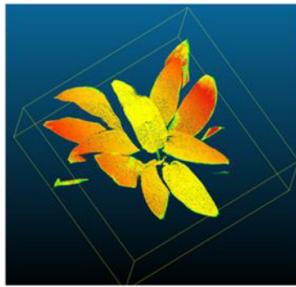
GMI Orange Seminar Room
Dr.-Bohr-Gasse 3
1030 Vienna

Free registration:
www.appn.at/registration/

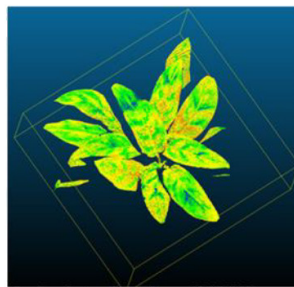
PlantEye F500 is a 3D laser scanner entailing multispectral information. It generates 3D point clouds of plants in high resolution and combines it on the fly with a 7-channel multispectral camera in the range of 400-900nm. This unique sensor fusion concept delivers spectral information for each data point and automatically computes a diverse set of validated morphological plant parameters.



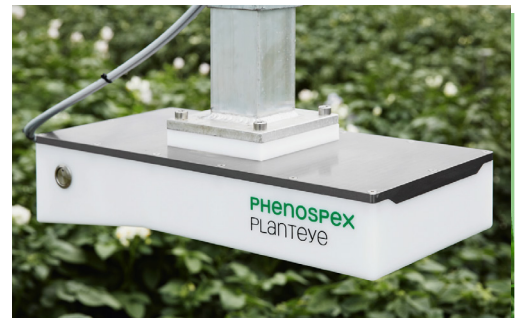
Color Information (RGB)



NIR reflectance (860nm)



Calculated Index (NDVI)



Program Thursday, 12th of October

09:00-10:00 Presentation PlantEye F500
10:00-10:30 Discussion
10:30-11:00 Coffee break
11:00-12:00 F500 demo scan
12:00-13:00 Lunch
13:00-13:30 Intro to data analysis
13:30-14:30 Hands-on data analysis
14:30-15:00 Coffee break
15:00-16:00 Hands-on data analysis
16:00-17:00 Final discussion

Contact

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Friday, 13th of October

The Phenospex team will be available on Friday for individual meetings to discuss results.



Photo © R. Gutzat, GMI