

Euro-BioImaging User Forum: “Understanding Plant Biology”

Thursday, October 12th at 14:00 CEST, Online event

Register here:

https://us02web.zoom.us/meeting/register/tZEIceqqDkiGNVns4AcLwZkQQu1ebRf_BUI

Chaired by: Euro-BioImaging

<i>Time</i>	<i>Title</i>	<i>Speaker</i>
14:00-14:10	<i>Welcome & Introduction</i> Imaging in Plant Biology - Open access & funding opportunities for plant biology research	Euro-BioImaging
14:10-14:40	<i>Keynote</i> The Versatility of MRI in Experimental Plant Science	Ljudmilla Borisjuk IPK Gatersleben
14:40-15:00	<i>Node & User Presentation - DIMP-NEUROMED</i> Validating wheat sap velocity measured with a heat pulse sensor with PET imaging	Sarah Verbeke, Ghent University Nicola D'Ascenzo, NEUROMED Node
15:00-15:20	<i>Node & User Presentation - Finnish Biomedical Imaging Node</i> 3D micro-CT to resolve fine structures in plants: a case of <i>Gerbera hybrida</i>	Teng Zhang, Viikki Plant Science Centre, University of Helsinki Jiri Funda, Finnish Biomedical Imaging Node
15:20-15:40	<i>Node & User Presentation - Austria BioImaging/CMI</i> Evaluating the adaptability of Norway spruce seedlings to drought stress: merging multi-sensor high-throughput plant phenotyping (HTPP) technique with different omics- approaches	Carlos Trujillo Moya and Muhammad Ahmad, Austrian Research Centre for Forests (BFW) Jakub Jez, VBCF Plant Sciences (PHENOPLANT)
15:40-15:45	<i>BREAK</i>	
15:45-16:15	<i>Keynote</i> Imaging endomembrane dynamics in plants	Marisa Otegui, Department of Botany University of Wisconsin-Madison
16:15-16:35	<i>Node & User Presentation – French BioImaging Node</i> Correlative Light and Electron Microscopy of Plant tissues	Clement Chambaud, CNRS France BioImaging representative
16:35-16:55	<i>Node & User Presentation - Advanced Light And Electron Microscopy Node Prague CZ</i> Closer look at the battlefield: imaging of the interactions of plant cells with fungal pathogens	Tetiana Kalachova, Institute of Experimental Botany of the Czech Academy of Sciences Prague Node representative
16:55-17:00	<i>Wrap-Up and Conclusion</i>	