



European Plant Science Organisation
<https://epsoweb.org>

News item

3rd EPSO Plant Science Seminar

Brussels, 3.5.2021

We would like to announce the third of our new European-wide seminar series by the European Plant Science Organisation (EPSO) and aimed at the Plant Science community and its stakeholders. Our aim is to provide a stimulating set of seminars once a month on a hot and/or emerging topic in plant science, giving the floor to both eminent world leaders and talented up-and-coming early career researchers.

TTT: The seminar will be held online each third Thursday of the month at three (CET).

On **20th May 2021** at 15:00 (CET) we will present three talks exploring **New Routes to Understanding Roots**:



Prof Ari Pekka Mähönen, University of Helsinki, Finland

“An inducible genome editing system for plants and its use in understanding root development”

[Ari Pekka Website](#) *Ari Pekka Mähönen is an associate professor at the University of Helsinki; his group is studying development of cambium using Arabidopsis root as a model. His group is also interested in developing new molecular tools for plant biologists. Related to this, the Mähönen group recently developed an inducible gene editing system for plants.*



Prof Dorte Dresbøll, University of Copenhagen, Denmark

“Root uptake of resources from deep soil layers – can we measure it and does it matter?”

[Dorte Website](#) *Dorte Bodin Dresbøll is associate professor at the Department of Plant and Environmental Sciences at University of Copenhagen. Her research focuses on root growth and function in crops and cropping systems with special emphasis on resource uptake from deep soil layers. Dorte has had a leading role in developing the unique facilities for studying root growth and function in deep soil layers at the University of Copenhagen, which provide novel excellent opportunities for studying roots under field or semi-field conditions.*



Prof Lionel Dupuy, Ikerbasque, Bilbao, Spain

“Visualising rhizosphere development: New tools and first generation models”

[Lionel Website](#) Lionel Dupuy holds a PhD in root-soil mechanics (2004) from University of Bordeaux, Previous research experience at University of Cambridge (UK), University of California Davis (USA) and James Hutton Institute (UK). His group has developed transparent soils and constructed light sheet microscopes for imaging with a large field of view. These enable tracking of biological activity in the pore space, giving dynamic image data that is currently being used to propose new models of interaction at root, microbe and particle interfaces.

The seminars will be hosted on Zoom and last approximately 1.5 hours. Numbers will be limited to 300 attendees and therefore please register early if you would like to join. There will be ample opportunities to ask questions and join the debate. So please join us to support this new and exciting initiative for European Plant Science by following this link just prior to the start of the seminar.

EPSO Members register in advance for this meeting:

<https://helsinki.zoom.us/meeting/register/u5wsce6qrjlpEtKvNyfgPTTBk8hWfUyihD>

After registering, you will receive a confirmation email containing information about joining the meeting.

In the coming months we will be on the lookout for talented plant scientists among the EPSO membership to present their findings and perspectives to the EPSO seminar series. If we approach you to talk, we hope you will be happy to support the initiative. This is a fantastic opportunity for **senior as well as early career researchers** to present their research to an international audience and to network with potential collaborators. If you wish to **suggest a theme for one of the autumn seminars and / or nominate** yourself or one of your colleagues to give a seminar, we most welcome your suggestions. Please contact Tim George (tim.george@hutton.ac.uk) to provide your name and potential talk title.

We look forward to seeing you all for the next EPSO seminar on the 20th May 2021

Tim George, Alan Schulman and Emily Breeze
EPSO Plant Science Seminar Series Organising Committee

Contacts

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Useful links

EPSO breaking news: <https://epsoweb.org>

EPSO member institutes and universities: <https://epsoweb.org/about-epsso/epsso-members/>

EPSO representatives: <https://epsoweb.org/about-epsso/representatives/>

About EPSO

EPSO, the European Plant Science Organisation, is an independent academic organisation that represents more than 200 research institutes, departments and universities from 32 countries, mainly from Europe, and 2.700 individuals Personal Members, representing over 26 000 people working in plant science. EPSO's mission is to improve the impact and visibility of plant science in Europe, to provide authoritative source of independent information on plant science including science advice to policy, and to promote training of plant scientists to meet the 21st century challenges in breeding, agriculture, horticulture, forestry, plant ecology and sectors related to plant science. <https://epsoweb.org> | EU Transparency Register Number 38511867304-09