

Root-rhizosphere Interactions Workshop & 2020 ISRR Medal Lecture on Root Research

5th May 2021

Hosted online by James Hutton Institute, Dundee



First Session - 13:00 to 14:20

13:00 Welcome from Tim George (The James Hutton Institute)

13:10 Paul Hallett (University of Aberdeen)

“Roots as architects of soil and soil as architects of roots”

13:30 Ben Jackson (University of Edinburgh)

“Edinburgh Plant-Soil Systems: nitrogen, isotopes, microbes, and more.”

13:50 Grainne El Mountassir (University of Strathclyde)

“Engineering the rhizosphere for geotechnical applications”.

14:10 Adam Price (University of Aberdeen)

“Rice roots for sustainability: Genetics of root depth, and biological interactions in aerobic vs anaerobic soils”

Posters Session - 14:30 to 15:00

Second Session - 15:00 to 16:20

15:00 Tracy Valentine (The James Hutton Institute)

“Implications of soil management and rotations for root-soil relations”

15:20 Eric Paterson (The James Hutton Institute)

“Carbon and nitrogen cycling at the root-soil interface.”

15:40 Carmen Escudero Martinez (University of Dundee)

“Mapping barley genes shaping the rhizosphere bacterial microbiota”

16:00 David Boldrin (University of Dundee)

“Hydro-mechanical reinforcement of soil by plants: Plant traits matter!”

Final Session 16:20 to 17:30 2020 ISRR Dundee Root Medal Lecture and Presentation

16:20 Professor Doris Vetterlein (UFZ Helmholtz Centre for Environmental Research, Halle, Germany)

“Rhizosphere research - Can we solve the dilemma between detailed knowledge and system understanding?”

17:20 Presentation and photo

