

Understanding the root, soil, microbe nexus, what really controls root distribution in soil and 2022 ISRR Medal Lecture on Root Research

9th November 2022,



13:00 Opening and Welcome

Workshop Session 1 – 13:15 to 14:15

13:15: Dr. Bipin Pandey, University of Nottingham, UK *“Uncovering novel hormone based mechanisms controlling root responses to soil compaction stress”*

13:35 Dr. Rahul Bhosale, University of Nottingham, UK, *“Discovering how cereal roots control their growth angle using a novel anti-gravitropic offset mechanism”*

13:55 Dhin Islam, University of Aberdeen, UK *“Influence of biopores on the performance of rice”*

Posters Session and Break- 14:15 to 14:45

Workshop Session 2 – 14:45 to 15:45

14:45 Ms Raisa Osama. The James Hutton Institute *“The interaction between raspberry roots and Phytophthora rubi”*

15:05 Dr/Prof Gabriel Castrillo, University of Nottingham, UK, *“Exploring how Root-Microbiome interactions impact stress resilience”*

15:25 Dr Yangminghao Liu, The James Hutton Institute *“Optical imaging and manipulation technologies in root-microorganism interactions”*

15 minute comfort break

Medal Lecture Session 16:00 to 17:15 - 2022 ISRR Dundee Root Medal Lecture and Presentation

16:00 Prof. Malcolm Bennett, University of Nottingham, UK

“Divining roots: revealing how plants sense and adapt their root system architecture to water availability”

17:00 Medal presentation

17:15 Close