

SCIENTIFIC WORKSHOP – Roots, crops and soil
c/o 2nd WISH-ROOTS consortium meeting.



University of Bologna, Department of Agricultural and Food Sciences (DISTAL), viale Fanin 44,
Bologna, Italy, AULA MAGNA

May 23 - 25, 2023

Program

May 23, Tuesday

14:00 –DISTAL Aula magna, Welcome to participants, registration

14:15 – 18:00 SCIENTIFIC WORKSHOP – Roots, crops and soil

14.15 – 14.45 Maria-Hernandez Soriano, JIC, Norwich, UK. ***Tuning the wheat rhizosphere to improve soil health***

14.50 – 15.20 Yusaku Uga, Tsukuba, JP. ***Toward the root design for climate resilience and greenhouse gas emission***

15.25 – 15.55 Timothy George, James Hutton Institute, Dundee, UK. ***Plant soil interactions for improved resource acquisition from the rhizosphere***

16.00 – 16.30 Pierdomenico Perata, SSSA, Pisa, IT. ***Exogenous small RNAs as signaling molecules in plants***

Break

16.45 – 17.15 Christian Kuppe, Forschungszentrum Jülich GmbH, Institute of Bio and Geosciences, Jülich, D. ***Benefits and limits of biological nitrification inhibitors for N uptake and the environment***

17.15 – 17.45 Marco Maccaferri and Silvio Salvi, University of Bologna, IT. ***Chasing genes for root traits in crops***

17.45 – 18.15 Marco Bittelli, University of Bologna, IT. ***Measuring soil physical properties to assess the effects of roots***

Discussion

18.30 – Welcome reception