



1<sup>st</sup>

# Plant Microbiome

February 22<sup>nd</sup> to 24<sup>th</sup>, 2016

Symposium

**Embrapa Environment:** Rod. SP-340, Km 127,5, Tanquinho Velho, Jaguariúna SP, Brazil

## Confirmed speakers

**Fernando Dini Andreote** • University of São Paulo, Brazil

*The rhizosphere of sugarcane under elevated atmospheric CO<sub>2</sub> concentration*

**Gilles van Wezel** • Leiden University, The Netherlands

*Harnessing ecological cues to activate the biosynthesis of silent antimicrobial compounds by Actinomycetes*

**Ian Clark** • Rothamsted Research, United Kingdom

*Response of N-cycling bacteria and archaea populations to changing landscapes*

**Jos M. Raaijmakers** • NIOO-KNAW, The Netherlands

*Getting to the root: microbiology and chemistry in the rhizosphere*

**Marnix Medema** • Wageningen University, The Netherlands

*Computational approaches to study specialised metabolism in complex microbiomes*

**Penny Hirsch** • Rothamsted Research, United Kingdom

*The root and soil microbiome revealed by metagenomics and metatranscriptomics*

**Peter Bakker** • Utrecht University, The Netherlands

*Hormonal modulation of the rhizosphere microbiome*

**Philip Poole** • University of Oxford, United Kingdom

*Stability and succession of the rhizosphere microbiota depends upon plant type and soil composition*

**Rodrigo Mendes** • Embrapa Environment, Brazil

*Impact of soil heat on reassembly of bacterial communities in the rhizosphere microbiome*

**Tim Mauchline** • Rothamsted Research, United Kingdom

*The ins and outs of the wheat root microbiome*

**Tsai Siu Mui** • University of São Paulo - CENA, Brazil

*Functional metagenomic: the challenge of large-scale in complex environments*

**Yanglei Yi** • University of Groningen, The Netherlands

*The potential role of *Bacillus mycoides* in the rhizosphere*

## Registration deadline January 24<sup>th</sup>, 2016 (free of charge)

Aiming to maximize interactions among group leaders, researchers and students, we will **limit the number of participants to 100 persons**. For registration, please, send an email to [backrootsproject@gmail.com](mailto:backrootsproject@gmail.com) with the following information: full name, institution, current position, title of your project and link to your Lattes CV (only for Brazilian applicants). We will send the confirmation of your registration by February 1<sup>st</sup>, 2016.

### Call for Oral Presentations

Students, postdocs and young researchers are invited to submit abstracts of their work by e-mail ([backrootsproject@gmail.com](mailto:backrootsproject@gmail.com)) until January 24<sup>th</sup>, 2016. A limited number of abstracts will be selected for oral presentations during the symposium. The acceptance for oral presentation will be communicated by February 1<sup>st</sup>, 2016.

### Organizing Committee

Rodrigo Mendes • Embrapa Environment, Brazil

Tim Mauchline • Rothamsted Research, UK

Jos Raaijmakers • NIOO-KNAW, The Netherlands

Fernando Dini Andreote • University of São Paulo, Brazil

**Back to the Roots Initiative:** <http://backrootsproject.wix.com/backroots>

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