

Program

Friday, 15.03.2024

- 13:30 Kickoff
- 13:45 Diversity and complexity on our farms
- a dialog
Sepp Braun & Haleigh Christ
- 14:15 Why mixed crops are productive and resilient
Prof. Dr. Christian Schöb
- 14:35 Plants communicate and network - but how?
Florianne Koechlin
- 14:55 On discovery tour in the microbiome
Prof. Dr. Gabriele Berg
- 15:15 The importance of rare microbial species for health and ecology
Dr. Thomas Hardtmuth
- 15:35 Questions from the audience
- Break
- 16:05 A scientist before her time: the vision of biology imagined by Lynn Margulis
Prof. Dr. Margaret McFall-Ngai
- 16:25 Courage under small feet: how ant-research changes the way we look at living beings
Dr. Olga Bogatyreva
- 16:45 Panel: Rethinking life - prospects for agriculture
- 17:45 Dinner
- 18:45 World's largest transformation to diversity agriculture, for people and environment, from India (Andhra Pradesh)
Vijay Kumar Thallam
- 20:45 Drinks and Networking

Saturday, 16.03.2024

- 08:40 Kickoff
- 08:45 Diversity improves yields and baking quality: examples from the value chain
Prof. Dr. Maria Finckh
- 09:20 Intercropping can make agriculture more productive and sustainable
- examples from China
Dr. Wopke van der Werf
- 09:40 Exploring the Ecological Interactions of the Traditional Milpa Intercropping System
Dr. Patrick Grof-Tisza
- 10:00 Panel: Diversity and mixed crops, the key to success?
- 10:30 Break
- 10:45 More pearls for swine: Why we owe our pets diversity
Dr. Florian Leiber
- 11:05 A new plant breed
Dr. Carl Vollenweider
- 11:25 Diversity - synergy - resilience: What advantages do new approaches such as syntropic agriculture and agroforestry systems offer?
Prof. Dr. Tillmann Buttschardt
- 11:45 Panel: From diversity to complexity
- 12:15 Workshops
- 13:15 Break
- 14:15 Of digital natives and indigenous female farmers
Dr. Angelika Hilbeck
- 14:35 How to design a farming robot without a monocultural mindset?
Dr. Lenora Ditzler
- 14:55 Digital control of nature
Jim Thomas
- 15:15 Panel: Biological and artificial intelligence
- 15:45 Conclusion