

let's talk
about



Session 1 - Chair: Julia POLZIN (Department of Microbiology and Ecosystem Science)

9.00 Stephan KÖSTLBACHER (Department of Microbiology and Ecosystem Science)
Evolution of a bacterial plasmid over 1 billion years

9.30 Patrik ARTHOFER (Department of Microbiology and Ecosystem Science)
A chlamydial intracellular symbiont represses the replication of a giant virus in Acanthamoeba

10.00 Salvador ESPADA HINOJOSA (Department of Limnology and Bio-Oceanography)
Host-symbiont response to lack-of-sulfide stress in the giant ciliate mutualism

10.30 – 11.00 Coffee break

Invited guest lecture

11.00 Ehab ABOUHEIF (McGill University, Montreal)
Obligate endosymbiosis in ants reveals developmental steps to major evolutionary transitions

12.00 – 13.30 Lunch break

Session 2 – Chair: Salvador ESPADA HINOJOSA (Department of Limnology and Bio-Oceanography)

13.30 Florian SCHARHAUSER (Department of Limnology and Bio-Oceanography)
White foul and everywhere? Phylogeny and biogeography of a marine nematode bacterium symbiosis

14.00 Julian PREINER (Department of Ecogenomics and Systems Biology)
Tungsten effects on root and nodule metabolism of *Glycine max*

14.30 Marton PALATINSZKY (Department of Microbiology and Ecosystem Science)
Monitoring inter-species carbon transfer by RAMAN in transparent soil microcosms

15.00 – 15.30 Coffee break

Session 3 – Chair: Florian SCHARHAUSER (Department of Limnology and Bio-Oceanography)

15.30 Gabriela PAREDES (Department of Ecogenomics and Systems Biology)
Hypoxia enhances sulfur-driven chemosynthesis in nematode

16.00 Buck HANSON (Department of Microbiology and Ecosystem Science)
A new source of H₂S in the gut: Degradation of sulfoquinovose by the complex human intestinal microbiota

16.30 Five years of LTAS – **Lets talk about us** - Visions for strengthening and improvement

Closing remarks and get together with beer and wine