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 chlamydia 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 – Let's talk about us - Visions for strengthening and improvement

Closing remarks and get together with beer and wine