

Monday, 16 September	
Morning session	
09:00-11:30	[ACTIONr internal meeting], (Seminar room 1.4)
11:45-13:00	Arrival of participants and lunch (IMP cantina)
Afternoon session	
13:00-13:30	Tour through the Archaea laboratories
13:30-15:00	Presentation round with participating students – 5 min each (Seminar room 1.4)
15:00-15:15	Coffee break
15:15-16:15	Opening lecture (public): Lisa Stein: “ <i>Microbial metabolisms and Climate Change</i> ” Lecture Hall 2, UBB
19:30	Speakers’ dinner

Tuesday, 17 September	
Morning session	
09:00-10:15	Dimitris Karpouzas: “ <i>The use of ammonia oxidizing microorganisms in soil microbial ecotoxicology</i> ”
10:15-11:30	Evangelia Papadopoulou: “ <i>Introduction to Nitrification Inhibitors: A Strategy to Decelerate Nitrogen Cycling</i> ”
11:45-13:00	Lunch (IMP cantina)
Afternoon session: Practical training	
13:00-14:00	Introduction to methanogens - Nevena Maslac
14:00-16:00	Group rotations for methanogen sampling
16:00	Methanogen data discussion

Wednesday, 18 September	
Morning session	
09:00-10:15	Stephan Glatzel: “ <i>Carbon storage and greenhouse gas release from mires and peatlands</i> ”
10:15-11:30	Lisa Stein: “ <i>Observations on unexpected enzyme targets of BNIs</i> ”
11:45-13:00	Lunch (IMP cantina)
Afternoon session: Practical training	
13:00-14:00	Introduction to bioreactors - Simon Rittmann
14:00-16:00	Group rotations for reactor handling
16:00	Reactor data discussion
19:30	Summer School dinner

Thursday, 19 September	
Morning session	
9:00-10:15	Andrea Söllinger: “ <i>Microbial responses to warming – physiological adjustments and potential consequences</i> ”
10:15-11:30	Graeme Nicol: “ <i>Linking physiology of laboratory isolates to ecophysiology in soil</i> ”
11:45-13:00	Lunch (IMP cantina)
Afternoon session: Practical training	
13:00-14:00	Nitrifier metabolism - Logan Hodgskiss
14:00-16:30	Nitrifier cultivation with and w/o inhibitors, Microrespiratory chamber

Friday, 20 September	
Morning session	
9:00-10:15	Henri Siljanen: “ <i>Microbial impact on GHG dynamics in boreal and Arctic regions, in above and below ground ecosystems</i> ”
10:15-11:30	Christina Hazard: “ <i>Viruses of microbial populations mediating greenhouse gas fluxes in soil</i> ”
11:45-13:00	Lunch (IMP cantina)
Afternoon session: Practical training	
13:00-16:30	Wrap-up of experiments

All talks and discussions take place in seminar room 1.4 (Monday, Friday) and seminar room 1.7 (Tuesday, Wednesday, Thursday), unless otherwise noted.