

**June 14-16, 2017 NIMBioS Investigative workshop **Pan-microbial trait-based ecology****  
*Ecology meets systems biology: developing a pan-microbial trait-based framework for community ecology and ecosystem functioning*

*Overall goals for the workshop:* Define the field, identify major research questions, formulate ways to address them and prepare a draft of a white paper/idea manuscript

## **Workshop Agenda**

### **DAY 1: June 14**

*Goal for day 1:* Bring everyone up to speed, formulate major research questions, form groups to work on those questions on Days 2 and 3.

8:00-8:45 am *Breakfast at NIMBioS*

8:45-9:05 am NIMBioS welcome talk

9:05-9:50 am Workshop introduction by Elena, Christine and Chris

9:50-10:30 am Introductions by participants (can prepare 1 introductory slide in advance)

10:30-11:00 am *Coffee break*

11:00-11:30 am **Kathleen Treseder** “*Fungal traits that drive ecosystem dynamics*”

11:30-12:00 pm **Ken Andersen** “*Taxa-transcending traits and trade-offs*”

12:00-12:05 pm Picture taking

12:05-1:00 pm *Lunch*

1:00-1:30 pm **Eoin Brodie** “*Microbial traits and their genomic origin in soil and subsurface systems*”

1:30-2:00 pm **Ali Zomorodi** “*Deciphering the games microbes play at genomic resolution*”

2:00-3:15 pm Small group discussion to formulate/finalize major discussion questions

3:15-3:45 pm *Coffee break*

3:45-5:15 pm General discussion of major questions, work on report/paper outline, split into groups according to questions for Day 2 work

5:15-6:30 pm Reception and poster session

6:30 pm *Dinner on your own*

### **DAY 2: Thursday June 15**

*Goal for Day 2:* Research workshop questions, work on the answers, draft manuscript sections

8:00-9:00 am *Breakfast at NIMBioS*

9:00-10:30 am Groups work on their respective questions and ideas to address them

10:30-11:00 am *Coffee break*

11:00-12:00 pm Group presentations and general discussion

12:00-1:00 pm *Lunch*

1:00-3:30 pm Group (re)assembly, discuss, research questions and write respective sections

3:30-4:00 pm *Coffee break*

4:00-5:30 pm Work in groups on parts of the report/manuscript

*Dinner on your own*

### **DAY 3: Friday June 16**

*Goal for Day 3:* Assess groups' progress, assemble the draft of the report/manuscript, plan future work

8:00-9:00 am *Breakfast at NIMBioS*

9:00-10:00 am Groups prepare reports on their sections

10:00-10:45 am Groups report

10:45-11:00 am *Coffee break*

11:00-12:00 pm Final discussion of progress and plans

12:00 pm *Lunch and adjourn*