Welcome by Bruno Studer, ETH Zurich, PSC chair

Session 1: Response at genome scale

9:30 Kirsten Bomblies, ETH Zurich, PSC
Temperature and meiosis – climate adaptation and its possible ties to recombination rate variation

10:00 Anne Roulin, University of Zurich, PSC
Transposable element evolution: What can we learn from population genomics?

10:30 Ben Oyserman, Wageningen University, The Netherlands
Linking host genotype and the rhizosphere microbiome

11:00 Break and poster session

Session 2: Response at cellular or plant scale

11:30 Hendrik Poorter, Jülich Plant Phenotyping Center, Germany
Meta-phenomics: Towards a ‘periodic table’ of plant responses to their abiotic environment

12:00 Nicole van Dam, German Centre Integrative Biodiversity Research (iDiv)
Beyond the usual suspects? Ecometabolomics analyses of plant-environment interactions

12:30 Jaakko Kangasjärvi, University of Helsinki, Finland
Plant acclimation and responses to stresses – a cellular perspective

13:00 Lunch and poster session

Session 3: Response at ecosystem scale

15:00 Yvonne Willi, University of Basel, PSC
Constraints to climate adaptation

15:30 Tamir Klein, Weizman Institute of Science, Israel
Tree eco-physiology through molecular eyes

16:00 Francesco Miglietta, Institute of Bioeconomy, CNR, Italy
Biosphere-atmosphere feedback and implications for the remote sensing of vegetation

16:30 Flash talks by PhD students and postdocs
17:15 Poster awards and Apéro