8 December 2021, ETH Zürich AudiMax & online

**BRUNO STUDER**  
Welcome and opening by PSC chair, ETH Zurich, CH  
09:15

**MARKUS G. STETTER**  
Crop Evolution and Adaptation, Institute for Plant Sciences, University of Cologne, DE  
Molecular patterns of repeated grain amaranth domestication  
09:30

**NICO VON WIREN**  
Molecular Plant Nutrition, Leibniz Institut für Pflanzen genetik und Kulturpflanzenforschung, Gatersleben, DE  
Nitrogen nutrition as determinant of lateral root patterning  
10:00

**CLAUDE BECKER**  
Genetics, Biocenter, Ludwig-Maximilian University Munich, DE  
Emergence and propagation of epigenetic patterns during somaclonal reproduction  
10:30

**SIOBHAN A. BRAYBROOK**  
Molecular Cell and Developmental Biology, UCLA, USA  
Underlying expectations: exploring cell-to-organ growth patterns  
11:30

**EDWIGE MOYROUD**  
Flower Development, The Sainsbury Laboratory, University of Cambridge, UK  
One-size-fits-all? Evo-Eco-Devo of petal patterning in Hibiscus flowers  
12:00

**ZORAN NIKOLOSKI**  
University of Potsdam & Max Planck Institute of Molecular Plant Physiology Potsdam, DE  
Network-based approaches identify and quantify patterns in plant leaf epidermis  
12:30

**LOÏC PELLISSIER**  
Landscape Ecology, Institute of Terrestrial Ecosystems, ETH Zurich, CH  
Towards measuring and understanding global phytodiversity  
14:30

**MAX RIETKERK**  
Copernicus Institute of Sustainable Development, Utrecht University, NL  
Patterns in nature and pathways of resilience  
15:00

**CAROLINE E. FARRIOR**  
Integrative Biology, University of Texas at Austin USA  
The search for governing mechanisms of forest size structure across latitudes  
15:30

**Flash Talks and Poster Awards**

**RACHAEL GARRETT**  
Environmental Policy, Institute of Environmental Decisions, ETH Zurich, CH  
Telecouplings in agri-food systems and their implications for sustainable development  
17:00

**Registration**