



## PROGRAMME

### Wednesday 1 May

17:00–21:00 - Welcome Reception in the Science Garden (“Wissenschaftsgarten”)

### Thursday 2 May

Registration open from 08:00

#### Morning Session – Chairperson: Anna Bucharova

09:00 - Welcome speech

09:15 - Keynote talk: Rubén Milla

*An ecological look at crop evolution*

10:00 - Dirk Granse

*Whole genome duplication: A driving force in plant evolution and adaptation under climate change?*

10:15 - Johanne Gresse

*Resource-use and seed dormancy drive population temporal stability*

10:30 - Jörn Pagel

*The importance of biotic interactions for demography, niches and geographical ranges of South African Proteaceae*

10:45 - Coffee break

11:15 - Lea Kerwer

*Environmental filters shape seedling recruitment in a tropical dry forest*

11:30 - Renáta Schnablová

*Temperate herbs in winter: exploring diversity of their belowground renewal buds*

11:45 - Barbara Meyers

*Does light availability or heterogeneity drive seed bank diversity in temperate forests?*

12:00 - Mialy Razanajatovo

*The dark side of pollination: Why we should talk more about nocturnal plant-pollinator interactions*

12:15 - Lunch + Meet the Keynote

#### Afternoon Session – Chairperson: Robert Rauschkolb

13:45 - Keynote talk: Elena Hamann

*Contemporary evolution in plants: what the resurrection approach (fore)tells about climate change adaptation*

14:30 - Bojana Stojanova

*Contemporary evolution in arable weeds revealed by the resurrection method*

14:45 - Helene Villhauer

*Phenotypic and genetic variation within the barley *Hordeum murinum* across Europe*

15:00 - Ramona-Elena Irimia

*Clone invasion – insights into a global plant invasion through museomics*

15:15 - Coffee break

15:45 - Katja Springer

*Does the evolution of ecological strategies in response to resources lead to trade-offs in adaptation to contrasting environments?*

16:00 - Charlotte Møller

*A study across space and time: phenotypic plasticity and local adaptation in two *Hypericum* species*

16:15 - Valentin Graf

*Effects of intraspecific trait variation on seedling establishment of Swiss stone pine*

16:30 - Johannes Metz

*Are mesic populations locally adapted to competition and arid populations to stress? Summarizing key findings along a macro- to microclimatic aridity gradient*

16:45 - Poster session A (until 18:00)

**Friday 3 May**

Registration open from 08:30

**Morning Session – Chairperson: Johannes Metz**

**09:00 - Keynote talk: Severin Irl**

*Treasure island in peril? Drivers of insular biodiversity and human-induced threats to islands*

**09:45 - Michael Boxriker**

*Land use drives significant decline of glacial relicts*

**10:00 - Lirey Ramirez**

*Microsite preferences of three conifers in calcareous and siliceous treeline sites in the French Alps*

**10:15 - Viktoria Ferenc**

*Different facets of diversity show no general decline over 53 years of floristic mapping*

**10:30 - Poster session B + Coffee break**

**11:30 - Maud Moes**

*Plant community response to climate change and grazing in Middle Eastern rangelands*

**11:45 - Xiong Shi**

*Interacting effects of global change factors on plant invasions*

**12:00 - Anna Mária Csergő**

*Effects of climatic conditions and geographic isolation on the performance of woodland sage (*Salvia nemorosa* L.) populations. Opportunities for a coordinated distributed study*

**12:15 - Tsipe Aavik**

*Morph balance in heterostylous *Primula veris* revisited: novel insights from a pan-European citizen-science study*

**12:30 - Group photo + Lunch**

**Afternoon Session – Chairperson: Michal Gruntman**

**13:45 - Keynote talk: Marina Semchenko**

*Plant-soil feedbacks: major drivers and evolutionary implications*

**14:30 - Kailing Huang**

*Effects of precipitation change and plant-soil feedback on plant coexistence*

**14:45 - Michaela Davidová**

*Effect of climate on plant-herbivore and plant-pathogen interactions*

**15:00 - Frank Reis**

*Influence of host age and genotype on the microbiome of *Lotus corniculatus**

**15:15 - Coffee break**

**15:45 - Sayantika Banerjee**

*Individual and combined effect of climatic factors on root fungal biota in *Rhododendron anthopogon**

**16:00 - Lena Reimann**

*Residence time and functional traits determine plant-soil feedbacks of alien and native species*

**16:15 - Elizaveta Shcherbinina**

*Microplastic mediates the effect of heavy metals on plant performance*

**16:30 - Christoph Rosche**

*First results from iCONNECT, the integrative CONyza NEtwork for contemporary trait evolution*

**16:45 - Assembly**

**17:00 - Science Garden tour (until 18:00)**

**19:00 - Conference dinner in 'Depot 1899'**

**Saturday 4 May**

Registration open from 08:30

**Morning Session – Chairperson: Bojana Stojanova**

**09:00 - Keynote talk: Hendrik Poorter**

*How to make experiments under controlled conditions relevant for understanding plants growing in the field?*

**09:45 - Jana Duchoslavová**

*Nitrogen sharing strategies of clonal plants*

**10:00 - Agueda De la Vega Diaz**

*Waiting for the light: temporal conditioning in plants*

**10:15 - Iveta Marešová**

*Carbohydrate storage in perennial herbs is strongly associated with phylogeny*

**10:30 - Coffee break**

**11:00 - Robert Rauschkolb**

*Seasonal patterns in flowering intensity in herbaceous species is strongly influenced by temperature and flowering duration*

**11:15 - Maaike Y. Bader**

*Treeline seedlings under stress: responses to temperature and radiation manipulation*

**11:30 - Martin Bitomský**

*The first rule of rhizome stoichiometry is you do not talk about rhizome stoichiometry!*

**11:45 - Michal Gruntman**

*Belowground plant competition: uncoupling root response strategies of peas*

**12:00 – Assembly** (until 12:30)

**13:00 – Excursion** to Monte Scherbelino (until ca. 17:30)