

SCIENTIFIC PROGRAMME

June 22 (Monday)

08.00 – 17.00	<i>Registration</i>
09.00 – 09.20	Opening Welcome address by Alisher Touraev (Local Chair, VISCEA, Austria) Welcome address by Thomas Stadler (Co-Chair, Switzerland)
09.20 - 10.20 (+10)	Keynote Lecture: Adam Eyre Walker (UK) . Factors that Affect The Rate of Adaptive Molecular Evolution
10.30 - 11.00	<i>Coffee break</i>
11.00 - 12.30	<u>Session I: Population & Landscape Genetics</u>
Chairs	Adam Eyre Walker (UK); Pär Ingvarsson (Sweden)
11.00 – 11.25 (+5)	Thomas Staedler (Switzerland) . Inference of Natural Selection from Genome-Wide Sequence Data in Wild Tomatoes
11.30 – 11.55 (+5)	Pär Ingvarsson (Sweden) . Genomic Signatures of Local Adaptation in European Aspen (<i>Populus Tremula</i>)
12.00 – 12.15 (+5)	Marta Gallart (New Zealand) . Insights on the Impact of Nitrogen Form on the Interplay Between Root System Architecture (RSA), ECM Fungi and Soil Microbiome
12.20 – 12.35 (+5)	Tanya Singh (USA) . The Dynamics of Super-Mutator Hitchhiking in Asexual Populations
12.40 - 14.00	<i>Lunch + Poster Session</i>
14.00 - 15.30	<u>Session II: Genetic Variation & Diversity</u>
Chairs	Thomas Staedler (Switzerland); Severine Vuilleumier (Switzerland)
14.00 -14.30 (+5)	Severine Vuilleumier (Switzerland) . Association Between Cycles of Population Isolation and Connection and Species Diversification
14.35 – 14.50 (+5)	Dace Grauda (Latvia) . Detection of Genetic Diversity of Selected Model Species for Urban Ecology Studies
14.55 -15.10 (+5)	James Buckley (UK) . Disease Resistance Gene Variation Across <i>Arabidopsis Lyrata</i> Subspecies: Effects of Demographic History, Selection and Mating System
15.10 -15.25 (+5)	Isaak Rashal (Latvia) . Genetic Particularities of Some Localities of <i>Cypripedium calceolus</i> in Latvia
15.30 - 16.00	<i>Coffee break</i>
16.00 - 17.30	<u>Session III: Phylogenetics & Phylogeography</u>
Chairs:	Robert Lanfear (Australia); Michael Gruenstaeudl (Germany)
16.00 -16.30 (+5)	Elizabeth Zimmer (USA) . Using Nuclear Gene Data for Plant Phylogenetics: Progress and Prospects
16.35 – 17.05 (+5)	Michael Gruenstaeudl (Germany) . Examples of Novel Methods in Model-Based Inference of Plant Phylogeny and Phylogeography
17.10 – 17.25 (+5)	Daniela Borges (Italy) . Evaluation of Paleoclimate Model for Atlantic Forest Refugia Using Molecular Tools
17.30 – 19.00	<i>Welcome Reception + Poster Session</i>

June 23 (Tuesday)

08.00 – 17.00	<i>Registration</i>
09.00 - 10.30	<u>Session IV: Evolution of Adaptive Systems</u>
Chair	Bernhard Haubold (Germany)
09.00 -09.30 (+5)	Barbara Mable (UK) . Mating Systems and Adaptive Genetic Variation

- 09.35 – 09.50 (+5) **Nora Adam (Germany)**. Intraspecific Diversity in Plant Jasmonate Signalling Alters Plant Competitive Outcomes and Damage from Three Native Herbivores
- 09.55 -10.10 (+5) **Yan Hou (Norway)**. From the North into the Himalayan-Hengduan Mountains: a Dated Phylogeny of the Arctic-Alpine Genus *Cassiope* (Ericaceae) Using RAD-seq
- 10.15 -10.30 (+5) **Elvira De Matthaeis (Italy)**. The Evolutionary Ecology of Talitrid Amphipods (Crustacea)
- 10.35 – 11.00 *Coffee break*

11.00 - 12.30 Session V: Conservation Genetics & Genomics

- Chairs** **Yuanwen Teng (China); Torsten N. Kristensen (Denmark)**
- 11.00 -11.25 (+5) **Yuanwen Teng (China)**. Recent Progresses in Molecular Phylogeny and Genetic Diversity of *Pyrus* L.
- 11.30 -12.00 (+5) **Torsten Kristensen (Denmark)**. Small Populations and Conservation Genetics - Lessons from *Drosophila* And Livestock
- 12.05 – 12.25 (+5) **Andrzej Kilian (Australia)**. DArTseq and KDDart Platforms for Population Genetics and Landscape Genomics
- 12.30 – 14.00 *Lunch + Poster Session*

14.00 - 15.50 Session VI: Molecular Evolution & Applied Molecular Ecology

- Chair** **Elizabeth A. Zimmer (USA); Barbara Mable (UK)**
- 14.00 – 14.25 (+5) **Robert Lanfear (Australia)**. Understanding Rates of Molecular Evolution in Plants
- 14.30 – 14.55 (+5) **Sagi Snir (Israel)**. A Universal PaceMaker as a Better Explanation of Genome Evolution
- 15.00 – 15.25 (+5) **Bernhard Haubold (Germany)**. Fast Computation of Evolutionary Distances between Genomes
- 15.30 – 15.45 (+5) **Ved Kumar (India)**. Resolving the Phylogenetic Status and Taxonomic Relationships of the Hangul (*Cervus elaphus hanglu*) in the Family Cervidae
- 15.50 - 16.30 **Coffee break, Closing Ceremony, Conference Photo**