

## Program

**Wednesday, 11.12.2019**

**Location:** Business Kitchen, Tellus Arena

### **Morning session**

**Chair:** *Assoc. Prof. Heikki Helanterä*

09:00 – 09:10 Opening words, *Prof. Jouni Aspi*

09:10 – 10:10 Keynote I: The phylogeographic structure of tropical plant communities and populations, *Prof. Olivier Hardy (Université Libre de Bruxelles, Belgium)*

### **10:10 – 10:30 Coffee break**

10:30 – 11:10 Genomics of conifer reproductive system peculiarities, *Dr. Tanja Pyhäjärvi*

11:10 – 11:30 Phylogenetic relatedness predicts disease pressure, *Dr. Yingying Wang*

11:30 – 11:50 Dispersal - genetic detection and fitness consequences, *Dr. Alina Niskanen*

### **11:50 – 13:00 Lunch break**

### **Afternoon session**

**Chair:** *Dr. Seppo Rytkönen*

13:00 – 13:40 Streamside forests: importance, pressures and conservation, *Dr. Mari Tolkkinen (SYKE)*

13:40 – 14:00 Why is understanding biodiversity – geodiversity relationship important? Evidence from freshwaters, *Maija Toivanen*

14:00 – 14:20 Arctic water cycle forensics – the case of northern freshwater ecosystems, *Dr. Kaisa Mustonen*

### **14:20 – 14:40 Coffee break**

14:40 – 15:00 Contrasting body-size shifts in urban communities, *Dr. Thomas Merckx*

15:00 – 15:20 Comparative analysis of larval growth in Lepidoptera reveals instar-level constraints, *Dr. Sami Kivelä*

15:20 – 15:40 Svalbard reindeer winter diets: interannual variation and long-term changes, *Tamara Hiltunen*

**Thursday, 12.12.2019**

Location: Business Kitchen, Tellus Arena

**Morning session**

*Chair: Dr. Sami Kivelä*

09:00 – 9:10 Opening words, *Ilze Brila*

09:10 – 10:10 Keynote II: How to make more out of community data with joint species distribution modelling? *Prof. Otso Ovaskainen (University of Helsinki, Finland)*

**10:10 – 10:30 Coffee break**

10:30 – 11:10 Interaction between Scots pine and endosymbiotic bacterium: Benefits for humans? *Dr. Anna Maria Pirttilä*

11:10 – 11:30 Scalable Nonparametric Pre-screening Method for Searching Higher-Order Genetic Interactions Underlying Quantitative Traits, *Juho Kontio*

11:30 – 11:50 Quantitative genetics of lodgepole pine wood quality traits, *Dr. Haleh Hayatgheibi (Luke & Swedish University of Agricultural Sciences, Sweden)*

**11:50 – 13:00 Lunch break**

**Afternoon session**

*Chair: Dr. Laura Kvist*

13:00 – 13:40 Management plan for the Finnish wolf population, *Prof. Ilpo Kojola (Luke)*

13:40 – 14:00 Rapid discrimination of wolves, dogs and their recent hybrids using a panel of diagnostics SNPs, *Jenni Harmoinen*

14:00 – 14:20 Wolverine population genetics, *Gerhardus Lansink*

**14:20 – 14:40 Coffee break**

14:40 – 15:00 Functional features of aquatic plant communities and driving factors over a 70-year period, *Marja Lindholm*

15:00 – 15:20 What about Rudolph? Identifying castrated reindeer bones to trace reindeer domestication in Fennoscandia, *Mathilde van den Berg*

15:20 – 15:30 Closing words, *Ilze Brila*

**18:00 – 23:00 Evening party and poster session at the University of Oulu Botanical gardens**