

Tuesday August 25 **Symposium 14**

Location: Room 5

Selection in subdivided populations

Organizers: *Juliette de Meaux, Max Planck Institute for Evolutionary Biology, Cologne, Germany*
Par K. Ingvarsson, Umeå University, Sweden

- 09.45 - 10.15 JOHANNA SCHMITT (invited)
Natural selection on life history traits in *Arabidopsis thaliana* across the European climate range
- 10.15 - 10.45 JEROME GOUDET (invited)
Factors influencing the FST/QST contrast under neutrality and selection
- 10.45 - 11.15 *Coffee break*
- 11.15 - 11.35 SAM YEAMAN
Multi-locus adaptation under migration-selection balance and the accuracy of the Gaussian approximation
- 11.35 - 11.55 CHRISTOPHER W. WHEAT
From molecules to metapopulations: finding the variation affecting butterfly dispersal in a fragmented and dynamic landscape
- 11.55 - 12.15 ARMANDO CABALLERO
Ast, a new measure of allelic differentiation in subdivided populations
- 12.15 - 12.35 XAVIER VEKEMANS
Patterns of genetic structure within and among populations and species in genomic regions subject to strong frequency-dependent selection
- 12.35 - 13.35 *Lunch*
- 13.35 - 13.55 OPHELIE RONCE
Local adaptation versus inbreeding: the ambiguous consequences of increased isolation for genetic load in complex genomes
- 13.55 - 14.15 ILKKA KRONHOLM
Local adaptation in *Arabidopsis thaliana* - Seed dormancy as a case study
- 14.15 - 14.35 ANEIL AGRAWAL
Ecology of selection on deleterious mutations in subdivided populations: theory and data
- 14.35 - 14.55 CHRISTIAN LEXER
Intraspecific admixture and the study of selection in subdivided populations of the European aspen (*Populus tremula*)
- 14.55 - 15.25 *Coffee break*