

Tuesday August 25 **Symposium 4**

Location: Room 4

The evolution of threshold, inducible and polyphenic traits

Organizers: *Derek Roff, University of California at Riverside, United States*
Wade Hazel, DePauw University, Greencastle, United States

- 09.45 - 10.15 KATHLEEN DONOHUE (invited)
Life history and the seasonal induction of phenotypes: development in natural environments
- 10.15 - 10.45 BRADLEY R. ANHOLT (invited)
The evolution of inducible anti-predator defenses
- 10.45 - 11.15 *Coffee break*
- 11.15 - 11.35 DIRK J. MIKOLAJEWSKI
Integrating antipredator traits: multiple predators and shifts in selection
- 11.35 - 11.55 MICHAEL KOPP
Predator-prey cycles and the evolution of inducible defenses
- 11.55 - 12.15 JEFFREY A. HUTCHINGS
Genetic variation in threshold reaction norms for alternative reproductive tactics in male Atlantic salmon
- 12.15 - 12.35 FABIEN HALKETT
Evolution of trade-offs between sexual and asexual phases and the role of reproductive plasticity in the genetic architecture of aphid life histories
- 12.35 - 13.35 *Lunch*
- 13.35 - 13.55 KARL GOTTHARD
Developmental plasticity for optimal size in a butterfly
- 13.55 - 14.15 HUBERTUS J. E. BEAUMONT
Experimental evolution of a bet-hedging strategy
- 14.15 - 14.35 EMILIE SNELL-ROOD
Developmental reprogramming in the evolution of polyphenisms: a case study of morph- and sex-specific gene expression in horned beetles
- 14.35 - 14.55 REINMAR HAGER
The plasticity of the epigenome: Genomic imprinting effects on complex traits can be modified by maternal environment
- 14.55 - 15.25 *Coffee break*