

Wednesday August 26 **Symposium 7**

Location: Room 2

Evolutionary applications: a symposium sponsored by Wiley-Blackwell Publishing

Organizers: *Louis Bernatchez, Université Laval, Canada*
Dany Garant, Université de Sherbrooke, Canada

- 09.45 - 10.15 STEPHEN C. STEARNS (invited)
Natural selection acting in contemporary human populations
- 10.15 - 10.45 DIETER EBERT (invited)
How well can we predict the evolution of virulence ?
- 10.45 - 11.15 *Coffee break*
- 11.15 - 11.35 LUCY WEINERT
The use of phylodynamics to infer transmission patterns of HIV in the UK
- 11.35 - 11.55 CAROL EUNMI LEE
Exploring Genomic Signatures of Selection following Invasions into Novel Environments
- 11.55 - 12.15 PHILLIP GIENAPP
Could migration time in birds evolve in response to climate change ?
- 12.15 - 12.35 Phenotypic plasticity and heritability of arrival time in Danish cormorants
DYLAN FRASER
- 12.35 - 12.55 Human-induced maladaptation to climate change in salmon
ANE T. LAUGEN
- 12.55 - 13.55 Evolutionary impact assessment: Integrating evolutionary consequences of fishing into the ecosystem-approach to fisheries management
Lunch
- 13.55 - 14.25 JUHA MERILÄ (invited)
Detecting evolutionary responses in the wild: problems and prospects
- 14.25 - 14.45 IAN J. RICKARD
Evolution and the developmental origins of human health
- 14.45 - 15.05 GABRIEL G. PERRON
The evolutionary ecology of antibiotic resistance: when the rate of change matters
- 15.05 - 15.35 *Coffee break*
- 15.35 - 15.55 TROY DAY
The evolution of bleaching resistance in corals
- 15.55 - 16.15 ERIC LOMBAERT
Worldwide routes of invasion of the biocontrol ladybird *Harmonia axyridis*: recurrent invasions from a bridgehead invasive population and admixture
- 16.15 - 16.35 RENAUD BAETA
Agricultural intensification and tree swallows: does landscape characteristics affects primary sex ratio in a natural population ?
- 16.35 - 16.55 ROBERTO PAPA
Introgression from modern hybrid varieties into Italian landrace populations of maize