

Centre of Excellence in Analysis and Dynamics Research

Biomathematics Day
9 June 2010

Kumpula campus, Exactum, Auditorium B123

9:00 - 9:15 Coffee

9:15 - 10:00 **Bob Holt:** Niche conservatism and evolution: Steps towards a unified conceptual framework

10:00 - 10:30 **Otso Ovaskainen:** Population divergence by genetic drift or local adaptation - an alternative to FST-QST comparisons

10:30 - 11:00 Coffee

11:00 - 11:45 **Ilkka Hanski:** Spatial scale of adaptation in metapopulations

11:45 - 12:15 **Margarete Utz:** Body condition-dependent dispersal in stable and in unstable environments

LUNCH

13:30 - 14:15 **Thanate Dhirasakdanon:** Coexistence of vertically and horizontally transmitted parasite strains in an SI type model with complete cross protection

14:15 - 14:45 **Ilmari Karonen & Robert Service:** Geometric aspects of optimization

14:45 - 15:00 Coffee

15:00 - 15:30 **Tadeas Priklopil:** On the evolution of magic traits and speciation

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SEE YOU NEXT: **Biomathematics Day on 24 November 2010**, with guest speaker Yoh Iwasa (Kyushu University)