

Centre of Excellence in Analysis and Dynamics Research

Biomathematics Day 14 November 2012

Kumpula campus, Exactum

Morning session: D123; afternoon B120 before and B222 after the break

9.00 – 10.00 **Otso Ovaskainen:** Spatio-temporal point processes: a flexible modelling framework for theoretical ecology

10.00 – 10.30 Coffee

10.30 – 11.00 **Lasse Ruokolainen:** The strength of species interactions modifies population responses to environmental variation in competitive communities

11.00 – 11.30 **Helene Weigang:** Emergence of complex food webs driven by simple rules

11.30 – 12.00 **Jing Tang:** Prediction of combinatorial drugs for anticancer treatment

12.00 – 13.00 Lunch

13.00 – 14.00 **Mats Gyllenberg:** Mechanistic modelling in ecology (in B120)

14.00 – 14.30 Coffee (near B222)

14.30 – 15.00 **Stefan Geritz:** Group defence and the predator's functional response

15.00 – 15.30 **Matthew Osmond:** The rate of adaptation as determined by life-history

15.30 – 16.00 **Eva Kisdi:** Eco-evolutionary cycles of pathogen virulence under selective predation

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SEE YOU NEXT: **Biomathematics Day on Wednesday 15 May 2013.**