

Centre of Excellence in Analysis and Dynamics Research

**Biomathematics Day**  
**14 May 2014**

Kumpula campus, Exactum, room D123

9.15 – 10.00 **Olof Leimar:** Social evolution and genetic polymorphism

10.00 – 10.30 **Lasse Ruokolainen:** Species occupancy in autocorrelated landscapes

10.30 – 11.00 Coffee

11.00 – 11.30 **Ilkka Hanski:** Back to the aggregation model: Can identical competitors coexist?

11.30 – 12.00 **Jukka Sirén:** Approximating Wright-Fisher diffusions for reconstruction of population trees

12.00 – 13.30 Lunch break

13.30 – 14.00 **Lutz Fromhage:** Why sexual selection favours positive allometry

14.00 – 14.30 **Piret Avila:** Nest-site limitation favours the evolution of eusociality

14.30 – 15.00 Coffee

15.00 – 15.30 **Tingting Xu:** Avian influenza in deterministic and stochastic models with multiple time-scales

15.30 – 16.00 **Duoying Zhang:** Feasibility of bioaugmentation used in Landfill leachate treatment

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