

Centre of Excellence in Analysis and Dynamics Research

**Biomathematics Day**  
**22 October 2018**

Kumpula campus, Exactum, room C124

- 9.30 – 10.30 **Mirjam Kretzschmar:** Modelling the waning and boosting of immunity
- 10.30 – 11.00 Coffee
- 11.00 – 11.30 **Lei Niu:** Discrete-time competition models versus the Lotka–Volterra competition model
- 11.30 – 12.00 **Jarno Vanhatalo:** Semi-parametric (Gaussian processes) approaches in population growth models with a case study example on the Ricker model
- 12.00 – 13.15 Lunch break
- 13.15 – 14.15 **Mats Gyllenberg:** Finite-dimensional representation of models of physiologically structured populations
- 14.15 – 14.45 Coffee
- 14.45 – 15.15 **Francesca Scarabel:** Numerical stability analysis of a stem cell model with maturation delay
- 15.15 – 15.45 **Jani Anttila:** Controlling metastases and mutations in cancer

PARTICIPANT LIST

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SEE YOU NEXT: **Biomathematics Day in May 2019**