

Biomathematics Day

22 May 2018

Kumpula campus, Exactum, room C124

- 9.00 – 10.00 **Hal Caswell:** Stochasticity, heterogeneity, and variance in matrix population models
- 10.00 – 10.30 Coffee
- 10.30 – 11.00 **Olli Tahvonen:** Resource economic applications of matrix population models
- 11.00 – 11.30 **Fengying Wei:** Persistence and extinction for an age-structured stochastic SVIR epidemic model with generalized nonlinear incidence rate
- 11.30 – 12.00 **Jani Anttila:** Controlling dispersal and driver mutations in cancer
- 12.00 – 13.15 Lunch break
- 13.15 – 13.45 **Stefan Geritz:** On the mechanistic derivation of density-dependent diffusion and its application to pattern formation
- 13.45 – 14.15 **Sami Lehtinen:** Coevolution of cannibalistic predators and timid prey
- 14.15 – 14.45 Coffee
- 14.45 – 15.15 **Kexin Wang:** Analysis of a stochastic single-species population model with stage-structure and migration between patches in a polluted environment
- 15.15 – 15.45 **Mikhail Shubin:** Occam's razor and Savage's glue. How complex should an influenza epidemic model be?

PARTICIPANT LIST

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