

Centre of Excellence in Analysis and Dynamics Research

Biomathematics Day
23 October 2017

Kumpula campus, Exactum, room C124

- 9.00 – 10.00 **Samuel Alizon:** Epidemiological and evolutionary insights from multiple infections
- 10.00 – 10.30 Coffee
- 10.30 – 11.00 **KaYin Leung:** Epidemic models with symptomatic and asymptomatic cases: who is the infector?
- 11.00 – 11.30 **Irene Man:** Understanding how interactions between many pathogen types lead to type replacement
- 11.30 – 12.00 **Anna Suomenrinne-Nordvik:** Impacts of vaccination against the varicella virus
- 12.00 – 13.15 Lunch break
- 13.15 – 13.45 **Tommi Mononen:** Disease dynamics in host-pathogen-pathogen predator metacommunities
- 13.45 – 14.15 **Cecilia Berardo:** Modeling prey cooperation and predator learning interactions
- 14.15 – 14.45 Coffee
- 14.45 – 15.15 **Sami Lehtinen:** A new mechanistic derivation of the Beddington-DeAngelis functional response
- 15.15 – 15.45 **Elina Numminen & Maarit Jokinen:** Monitoring a species that cannot be seen: could we simulate the population?

PARTICIPANT LIST

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