

Biomathematics Day

8 May 2019

Kumpula campus, Exactum, room C124

- 9.30 – 10.15 **Sangita Kulathinal:** From optimal designs for capturing within-host dynamics to characterising clustering of multi-strain pathogen among groups
- 10.15 – 10.45 Coffee
- 10.45 – 11.15 **Anna Suomenrinne-Nordvik:** Identifying bias in multi-type HPV parameter estimates using mechanistic modeling
- 11.15 – 12.00 **Solomon Christopher:** Inferring person-to-person transmission using HAV outbreak data from a population of households
- 12.00 – 13.15 Lunch break
- 13.15 – 14.00 **Lutz Fromhage:** The Strategic Reference Gene: an organismal theory of inclusive fitness
- 14.00 – 14.30 **Lei Niu:** Asymptotic behaviour of a class of stochastic Lotka–Volterra model
- 14.30 – 15.00 Coffee
- 15.00 – 15.30 **Sami Lehtinen:** Emergence of cannibalism and cyclic predator-prey coevolution
- 15.30 – 16.00 **Mikhail Shubin:** Estimating the burden of seasonal Influenza using only the shape of an outbreak

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