

Centre of Excellence in Analysis and Dynamics Research

## Biomathematics Day 11 May 2016

Kumpula campus, Exactum, room D123

- 9.00 – 9.45 **Åke Brännström:** Towards a quantitative theory of plants  
9.45 – 10.15 **Jonas Wickman:** Determining selection in heterogeneous environments:  
adaptive dynamics and reaction diffusion equations
- 10.15 – 10.30 Coffee
- 10.30 – 11.00 **Stefan Geritz:** A diffusion paradox under the microscope  
11.00 – 11.30 **Elina Numminen:** The bizarre diversity dynamics of a wild plant pathogen
- 11.30 – 12.45 Lunch break
- 12.45 – 13.15 **Tommi Mononen:** Predators play a key role in spatial dynamics between  
hosts and environmental pathogens  
13.15 – 13.35 **Jani Anttila:** Optimal leaf nitrogen recycling in birch trees
- 13.35 – 14.00 Coffee
- 14.00 – 14.30 **Piret Avila:** Conflict over resource allocation in eusocial societies  
14.30 – 15.00 **Helene Weigang:** Co-evolution of local adaptation and patch-type  
dependent immigration

The farewell lecture of Prof. Pertti Mattila starts at 15.15 in CK112.

### PARTICIPANT LIST

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SEE YOU NEXT: Biomathematics Day on **MONDAY 24 October 2016**