

Centre of Excellence in Analysis and Dynamics Research

## Biomathematics Day 18 April 2012

Kumpula campus, Exactum

Morning session: D123, afternoon session: C222

9.45 – 10.45 **Kristan Schneider:** Frequency-dependent intraspecific competition – a nexus between population genetics and adaptive dynamics

10.45 – 11.00 Coffee

11.00 – 11.30 **Tuomas Nurmi:** Evolution of resource usage under non-equilibrium population dynamics

11.30 – 12.00 **Tanjona Ramiadantsoa:** Parsimonious mechanisms behind community-level patterns

12.00 – 13.15 Lunch

13.15 – 13.45 **Lasse Ruokolainen:** Stochastic food webs: adaptation, color & stability

13.45 – 14.15 **Erik Sjöland:** Endpoint-conditioned sampling of trajectories in protein structure space

14.15 – 14.45 Coffee

14.45 – 15.15 **Thomas Valliers:** Bootstrap percolation with short and long range connections

15.15 – 15.45 **Eva Kisdi & Stefan Geritz:** Evolution of pathogen virulence under selective predation

### PARTICIPANT LIST

Kristan Schneider (kristan.schneider@univie.ac.at)

Felix Horns (rfhorns@gmail.com)

Erik Sjöland (erik.sjoland@aalto.fi)

Tommi Mononen (tommi.j.mononen@aalto.fi)

Jani Anttila (HY)

T Dhirasakdanon (HY)

Chun Fang (HY)

Stefan Geritz (HY)

Mats Gyllenberg (HY)

Ilmari Karonen (HY)

Eva Kisdi (HY)

Jouni Laakso (HY)

Elina Numminen (HY)

Tuomas Nurmi (TY)

Kalle Parvinen (TY)

Tadeas Priklopil (HY)

Tanjona Ramiadantsoa (HY)

Lasse Ruokolainen (HY)

Anne Seppänen (TY)

Robert Service (HY)

Olli Tahvonen (HY)

Ping Yan (HY)

Thomas Vallier (HY)

email addresses: HY firstname.lastname@helsinki.fi, TY: firstname.lastname@utu.fi

SEE YOU NEXT: **Biomathematics Day on Wednesday 14 November 2012.**