

Centre of Excellence in Analysis and Dynamics Research

# Biomathematics Day

28th October 2009

Kumpula campus, Exactum D123

## PROGRAM:

### Morning session:

- 9:30 - 9.45 Coffee & Tea  
9.45 - 10:15 **Lasse Ruokolainen:** Community diversity and stability in stochastic environments  
10:15 - 10:45 **Tuomas Nurmi:** Joint evolution of dispersal and specialization  
10:45 - 11:00 Coffee & Tea  
11:00 - 11:30 **Yi Wang:** Fast and slow growth rate of microbial population in essential resource-based chemostat  
11:30 - 12:00 **Le Thi Thanh An:** Modeling and Simulation: Drug Treatment in Infectious Diseases  
12:15 - 13.45 **Lunch**

### Afternoon session:

- 13.45 - 14.15 **Kalle Parvinen:** Evolution of cooperative investment may prevent the coexistence of defectors and cooperators and even cause extinction  
14.15 - 14.45 **Ilmari Karonen:** Evolution of competitive polymorphism on a heterogeneous lattice  
14.45 - 15.15 Coffee & Tea  
15.15 - 15.45 **Eva Kisdi:** Dispersal and the stability of metapopulations

## LIST OF REGISTERED PARTICIPANTS:

Barbara Boldin (HY)	Eva Kisdi (HY)	Tadeas Priklopil (HY)
Stefan Geritz (HY)	Yi Wang (HY)	Lasse Ruokolainen (HY)
Mats Gyllenberg (HY)	Anne Seppänen (TY)	Chun Fang (HY)
Xiaoli Liu (HY)	Robert Service (HY)	Ido Filin (HY)
Tuomas Nurmi (TY)	Jaakko Toivonen (HY)	Petr Ondracek (HY)
Margarete Utz (HY)	Ping Yan (HY)	Diana Preoteasa (HY)
Kalle Parvinen (TY)	Ilmari Karonen (HY)	Le Thi Thanh An (Heidelberg)
Maria Delgado (HY)	Ta Quoc Bao (TY)	

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**Biomathematics Day on the 9th June 2010**