

WORKSHOP

Structure and dynamics of meta-food webs

Convenors:

Bernd Blasius (Oldenburg, GER), Ulrich Brose (Göttingen, GER), Barbara Drossel (Darmstadt, GER) and Thilo Gross (Bristol, GBR)

September 16 - 18, 2013

The workshop is co-financed by FOR 1748 (Networks on networks: the interplay of structure and dynamics in spatial ecological networks)

Please note: Talks shall last:30 min (15 min for PhD students), 15 min for questions/discussions

Monday, September 16, 2013

8.45 - 9.00	Welcome addresses by ZiF and the convenors
09:00-09:45	Katrin Meyer: Modelling spatial interactions across scales
09:45-10:30	Neo Martinez: From Genes to Ecosystems: Towards spatially explicit individual-based network models of ecosystems
10:30-11:00	- Coffee break -
11:00-11:30	Florian Schwarzmüller: The role of body size in dispersal networks
11:30-12:30	Discussion time
12.30-13.30	- Lunch -
13:30-14:15	Karin Frank: Behavior matters – Modeling dispersal and its implications for structuring and functioning of ecological systems
14:15-15:00	Fernanda Valdovinos: Adaptive foragers in pollination networks: stability, invasions and apparent altruism
15:00-15:30	- Coffee break -
15:30-16:15	Ulrich Brose: Foraging allometry
16:15-18:00	Free Discussion on Part I, possibly in smaller groups

Tuesday, September 17, 2013

09:00-09:45	Daniel Stouffer: Understanding food-web persistence
09:45-10:30	Nicolas Loeuille: Diffuse coevolution in size-structured food webs: effects for emergent structure, diversity and functioning
10:30-11:00	- Coffee break -
11:00-11:30	Korinna Allhoff: Food webs – caught between evolution and extinction
11:30-12:00	Daniel Ritterskamp: An evolutionary food web model in continuous space
12:00-12:30	Discussion time
12.30-13.30	- Lunch -
13:30-14:15	Anna Eklöf: Degree of spatiality in ecological network
14:15-14:45	Yuanheng Li: Functional response study with the help of individual-based modelling
14:45-15:15	- Coffee break -
15:15-16:00	Christian Guill: Allometric food web models
16:00-18:00	Free Discussion on Part II, possibly in smaller groups
18.00	- Dinner at ZiF -

Wednesday, September 18, 2013

09:00-09:45	Blasius group: A niche-space approach for modeling meta food-webs
09:45-10:15	Sebastian Plitzko: Dynamical stability of meta-food webs
10:15-10:45	- Coffee break -
10:45-12:00	Lars Rudolf: The linear stability of meta-food webs
	Eric Tromeur: Stability of metacommunities: a generalized modelling approach
12:00-12:30	Discussion
12.30-13.30	- Lunch -
13:30-15:00	Identification of topics for further discussion and for possible collaborations; free discussion
15:00-15:30	- Coffee break -
15:30-17:00	Free discussion, planning of joint work and future meetings