



POTSDAM INSTITUTE FOR
CLIMATE IMPACT RESEARCH

FuturICT



Universität Bremen

WORKSHOP ON STATISTICAL PHYSICS & COMPLEX NETWORKS IN SOCIO-ECONOMIC SYSTEMS

Schlosshotel Cecilienhof, Potsdam, Germany
November 15-17, 2011

Updated information as of November 7, 2011.

Participants

Bornholdt, Stefan	University of Bremen	
Bunde, Armin	University of Giessen	
Conte, Rosaria	National Research Council, Rome	
Díaz-Guiléra, Albert	University of Barcelona	
Havlin, Shlomo	Bar-Ilan University, Ramat Gan	
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Kantelhardt, Jan	Martin-Luther-University of Halle-Wittenberg	
Kirman, Alan	Université d'Aix-Marseille	
Kurths, Jürgen	Potsdam Institute for Climate Impact Research	
Merico, Agostino	Leibniz-Centre for Tropical Marine Ecology, Bremen	
Peixoto, Tiago	University of Bremen	
Raddant, Matthias	University of Kiel	
Reichardt, Jörg	University of Würzburg	
San Miguel, Maxi	University of the Balearic Islands, Palma de Mallorca	
Scheffran, Jürgen	University of Hamburg	
Schwanitz, Jana	Potsdam Institute for Climate Impact Research	
Sneppen, Kim	University of Copenhagen	
Traulsen, Arne	Max-Planck-Institute for Evolutionary Biology, Plön	
Wolf, Sarah	Potsdam Institute for Climate Impact Research	

In case you requested WLAN in your room, you'll need a T-Online Account, T-Mobile HotSpot Account, or T-Mobile HotSpot Pass, which you can get in advance at <https://cms-hotspot.telekom.de/t-pay>

Programme

(all impulse presentations and topical discussions at Marschallsaal, Schlosshotel Cecilienhof)

	Tuesday Nov. 15	Wednesday Nov. 16	Thursday Nov. 17
8:00		Breakfast	Breakfast
9:00		Rainer Hegselmann <i>Epistemic networking – an integrated model of opinion & network dynamics</i>	Albert Díaz-Guiléra <i>Statistical characterization of contact networks of mobile users</i>
9:30		Arne Traulsen <i>Evolutionary game theory: Do people behave according to our models? Comparing theoretical predictions to behavioural experiments</i>	Kim Sneppen <i>Modeling self organization & information spreading in social systems</i>
10:00		Maxi San Miguel <i>What can we learn from the voter model?</i>	Matthias Raddant <i>Networks in financial markets</i>
10:30		Coffee break	Coffee break
11:00		topical discussion Connecting insights from specialised models chair: Alan Kirman	topical discussion Managing complexity in socio-economic models chair: Janusz Hołyst
12:00		Lunch	Lunch
13:00		Palace museum tour	A walk by the lake?
14:00		A walk in the park?	Jana Schwanitz <i>Insights from AMPERE – a multi-model comparison project in Integrated Assessment Modelling</i>
14:30			Jürgen Scheffran <i>Complex multi-agent networks in environmental conflict & cooperation</i>
15:00		Armin Bunde <i>Complex networks with spatial constraints</i>	Coffee break
15:30		Jörg Reichardt <i>Latent structure in complex networks</i>	topical discussion Bridging the gap between natural & social sciences
16:00		Coffee break	
16:30		topical discussion Using real-world data in socio-economic modeling chair: Shlomo Havlin	end of official programme
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17:30			
19:00	official start Welcome party at the tower room	Dinner at Salon Hubertus	