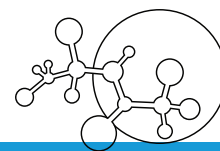


Program Synopsis

Black Forest Focus on Soft Matter 3

Breisach, June 2-5, 2010



Wed, June 2

Arrival
Get Together
Welcome Dinner

Thu, June 3

Speaker

Title

8:30 - 9:05 am Opening

9:05 - 9:40 am Igor Sokolov (HU Berlin) Aging, ergodicity breaking and universal fluctuations in continuous time random walks: Theory and (possible) experimental manifestations

9:40 - 10:15 am Olivier Bénichou (Univ. Pierre et Marie Curie) First-passage observables of random walks in confined geometry

10:15 - 10:45 am Coffee Break

10:45 - 11:20 am Shlomo Havlin (Bar-Ilan University) Catastrophic cascade of failures in interdependent networks

11:20 - 11:55 am Ralf Metzler (TU Munich) Continuous time random walks, anomalous diffusion, and single particle trajectories

11:55 - 12:30 pm Eli Barkai (Bar Ilan University) Weak ergodicity breaking

12:30 - 2:00 pm Lunch Break

2:00 - 2:35 pm Katja Lindenberg (University of California) Single quantum dot thermoelectric engines: Thermoelectric efficiency and finite time thermodynamics

2:35 - 3:10 pm Peter Reineker (Ulm University) Blinking quantum dots and Förster-like energy transfer

3:10 - 3:45 pm Elena Agliari (University of Parma) Coherent dynamical processes on complex structures

3:45 - 4:15 pm Coffee Break

4:15 - 4:50 pm Wolfgang Schleich (Ulm University) Correlations in Phase Space and the Creation of Focusing Wave Packets

4:50 - 5:25 pm Tsampikos Kottos (Wesleyan University) Manipulating the flow of light with Parity-Time symmetries

6:30 pm Dinner

8:00 pm Poster Session

Fri, June 4

Speaker

Title

8:30 - 9:05 am Alan Aspuru-Guzik (Harvard University) Quantum stochastic walks: A generalization of classical random walks and quantum walks

9:05 - 9:40 am Gregory D. Scholes (University of Toronto) Quantum biology: Light-harvesting and energy random walks in algae

9:40 - 10:15 am Gerhard Stock (University of Freiburg) Biomolecular Energy Flow

10:15 - 10:45 am Coffee Break

10:45 - 11:20 am Yaron Silberberg (Weizmann Institute) Quantum walks in photonic lattices

11:20 - 11:55 am Yakir Aharonov (Tel Aviv University) Quantum random walk and super oscillations

11:55 - 12:30 pm Norio Konno (Yokohama National Univ.) Localization of the space-inhomogeneous discrete-time quantum walk on the line

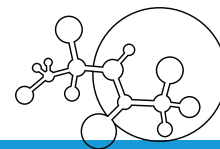
12:30 - 2:00 pm Lunch Break

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Black Forest Focus on Soft Matter 3

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