

# Quantum Efficiency Mini-Workshop



Institute of Physics / FRIAS, University of Freiburg  
July 25–28, 2011

## Program

When		Where	Speaker	Title
Monday 25.7.2011	17:15	Physics Colloquium (Großer HS Physik)	Greg Scholes (Univ. Toronto)	Lessons from Nature about solar light-harvesting
Tuesday 26.7.2011	14:15	QE Seminar (FRIAS Seminar Room)	Tobias Schätz (Univ. Freiburg)	Experimental quantum simulations based on trapped ions
	16:15	QE Colloquium (FRIAS Seminar Room)	Richard Cogdell (Univ. Glasgow)	How purple photosynthetic bacteria harvest solar energy
Wednesday 27.7.2011	10:15	FRIAS Lecture Hall	Florian Sittel, Daniel Wendling (Univ. Freiburg)	Random matrix theory for quantum transport
	11:15	FRIAS Lecture Hall	Luo Shunlong (Chinese Acad. of Sciences, Beijing)	Classical versus quantum correlations
	12:15	Lunch break		
	14:30	FRIAS Lecture Hall	Kathrin Siebrecht, Leonidas Richter (Univ. Freiburg)	From network models to realistic simulations of exciton transfer
	15:30	FRIAS Lecture Hall	Stephan Hoyer (Univ. Berkeley)	Propagating quantum coherence for a biological advantage
	16:30	Coffee break		
Thursday 28.7.2011	17:15	FRIAS Lecture Hall	Jenny Nelson (Imperial College London)	Charge generation in organic photovoltaic devices
	10:15	FRIAS Lecture Hall	Georgios Nikolopoulos (Univ. Heraklion)	Perfect multiple excitation transfer
	11:15	FRIAS Lecture Hall	Maximilian Bauer (Univ. Freiburg)	Directed excitation transfer in vibrating molecules by external fields