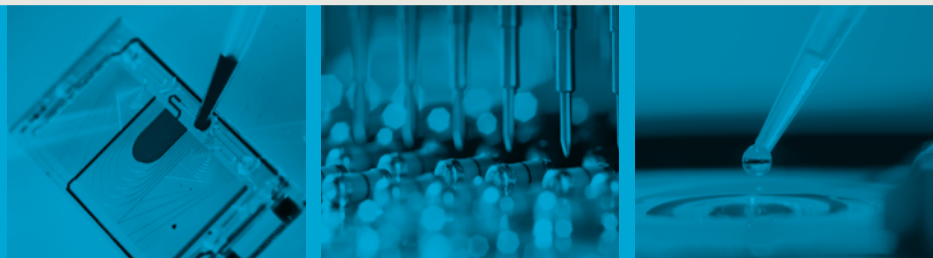


2nd BLACK FOREST FOCUS ON SOFT MATTER



QUANTUM EFFICIENCY: FROM BIOLOGY TO MATERIAL SCIENCE

Stimulated by recently emerging evidence that generic quantum effects can persist in complex systems embedded in noisy environments, the Freiburg Institute for Advanced Studies (FRIAS), the Institute of Physics of the University of Freiburg and the Fraunhofer Institute for Solar Energy Systems (ISE) organize an exploratory workshop which aims at a concerted effort of physicists, chemists, biologists and engineers to explore the potential of quantum mechanics for efficient energy harvesting and conversion.

Keynote Speakers:

Paul Alivisatos (Berkeley)
Hans Briegel (Innsbruck)
Graham Fleming (Berkeley)
Peter Hänggi (Augsburg)
Peter Hamm (Zürich)
Jürgen Köhler (Bayreuth)
Ross Mc Kenzie (Brisbane)
Shaul Mukamel (Irvine)
Robert Silbey (MIT)
Joseph Wachtveitl (Frankfurt)

Local Scientific Coordination: FRIAS, Institute of Physics and ISE

Andreas Buchleitner
Hermann Grabert
Jan G. Korvink
Günter Reiter
Ullrich Steiner
Frank Stienkemeier
Eicke Weber

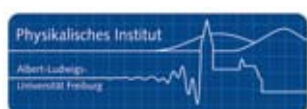
Hotel Brugger

Titisee, Black Forest

Information:

www.frias.uni-freiburg.de/bff

OCTOBER 22–24, 2009



IMTEK Laboratory for Biomedical Microtechnology



FRIAS

FREIBURG INSTITUTE
FOR ADVANCED STUDIES
ALBERT-LUDWIGS-
UNIVERSITÄT FREIBURG
SCHOOL OF
SOFT MATTER RESEARCH