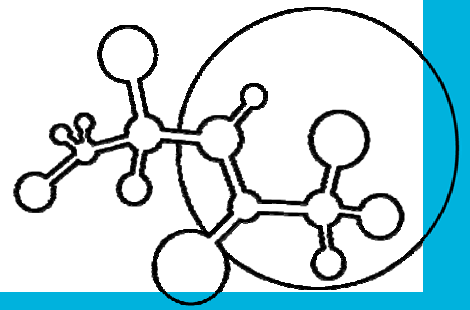




FRIAS

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



Quantum Efficiency Seminar and Colloquium

Richard Cogdell

**Department for Biochemistry and Cell Biology
University of Glasgow**

**How purple photosynthetic bacteria harvest solar
energy: from single molecules to whole membranes**

This lecture will describe the structure and function of purple bacteria antenna complexes. Their x-ray crystal structures will be presented. Then the energy transfer reactions they catalyse will be described especially informed by single molecules experiments. Finally a model of the whole photosynthetic membrane will be presented.

Date: Tuesday, July 26th, 2011 4:15 pm
Location: FRIAS Seminar Room, Albertstr. 19, Freiburg

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