



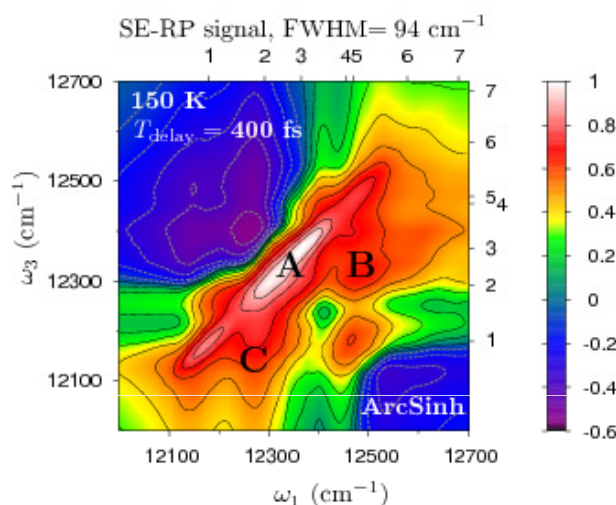
Instituto de Estructura de la Materia - Ciclo de Seminarios 2015-2016
Seminario del Departamento de Química y Física Teóricas

Modeling energy transfer dynamics in photosynthesis: the interplay of coherence and dissipation.

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Observations of coherent signals in time-resolved spectroscopy data of photosynthetic complexes have spurred interest in a quantum-mechanical description of energy transfer processes in biological complexes.

An interesting interplay between coherent and dissipative dynamics emerges from the calculations and is compared to the experimental data.



Theoretical calculation of the 2d echo spectra of the FMO light-harvesting complex of green sulfur bacteria showing long-lived coherences (peaks B and C).

Martes, 12 de Enero de 2016, 12:00 horas.
Sala de Conferencias. Centro de Física "Miguel A. Catalán".
Serrano, 121. 28006 Madrid.