



2nd GRANADA WORKSHOP ON QUANTUM PHASE TRANSITIONS

Granada, 9-10 December 2015

Lectures:

Manuel Calixto (U. de Granada)

Aislantes topológicos y caracterización de sus fases

Octavio Castaños (U. Nacional Autónoma de México)

Quantum phase transitions in matter-radiation Hamiltonians

Jorge Dukelsky (CSIC)

El modelo de Gaudin elíptico

José Enrique García Ramos (U. de Huelva)

New developments in QPT/ESQPT in two fluid Lipkin systems

Curro Pérez Bernal (U. de Huelva)

Effect of excited state quantum phase transitions in the quench dynamics of interacting quantum systems

Arturo Polls (U. de Barcelona)

Measure synchronization in quantum many-body systems

Armando Relaño (U. Complutense de Madrid)

On the dynamical consequences of ESQPTs in isolated Quantum systems: irreversible closed cycles

Venue:

The workshop will be held at the meeting room of the Centro de Instrumentación Científica of the University of Granada.

Organizers:

Elvira Romera
Francisco de los Santos
Manuel Calixto
(Universidad de Granada)

PROGRAM	9 December	10 December
9:30-10:30	J. Dukelsky	O. Castaños
10:30-11:30	A. Polls	M. Calixto
11:30-12:00	Coffee	Coffee & Discussion
12:00-13:00	J.E. García Ramos	
13:00-16:00	Lunch	
16:00-17:00	A. Relaño	
17:00-18:00	F. Pérez Bernal	
18:00-20:00	Discussion & Snack	