



# Low Energy Electrodynamics in Solids 2012

## Wednesday, 25 July 2012

### Spin Phenomena - Chardonnay Ballroom (08:30 - 10:15)

-Conveners: George Gruner

time	[id] title	presenter
08:30	[112] Quantum information processing with spins in diamond and silicon carbide	AWSCHALOM, David
09:00	[131] Ultrafast probes of spin and charge dynamics	ORENSTEIN, Joe
09:30	[120] Topological Structures of Novel Quantum System – Views from Scanning Microwave Impedance Microscope	SHEN, Zhi-Xun
10:00	[91] Observation of Spin-Orbital Separation in the spin chain Sr <sub>2</sub> CuO <sub>3</sub> with Resonant Inelastic X-ray Scattering	SCHMITT, Thorsten