



II NanoFrontMag Scientific Workshop

Experiments on Quantum and Classical magnetization reversal process in nanomagnets

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In my talk I will introduce the most important ideas and results in the field of quantum nanomagnetism developed during the last 30 years. I will go from experiments on SDP to Molecular Magnets and I will mostly concentrate in those phenomena related to the magnetization reversal processes induced by both the magnetic field and surface acoustic waves. Related phenomena like magnetic qubits and superradiance will also be commented.