

What next - Fisica Fondamentale

Tuesday, 5 May 2015

Quantum Simulations (1) - AULA A edificio Garbasso (14:30 - 19:30)

-Conveners: Saverio Pascazio

time	[id] title	presenter
14:30	[31] From quantum science to quantum technologies	CALARCO, Tommaso
14:45	[17] Tutorial: Quantum Simulations of Lattice Gauge Theories	PASCAZIO, Saverio
15:15	[18] Lattice Gauge Theories: Experimental Field Theory and Non-perturbative Phenomenology	MARTINELLI, Guido
15:55	[32] Quantum simulation of lattice gauge theories in AMO systems: challenges and perspectives	DALMONTE, Marcello
16:25	Coffee break	
16:55	[22] New quantum simulators with ultracold SU(N) fermions	FALLANI, Leonardo
17:25	[24] Atom-Chip for Quantum Control	CATALIOTTI, Francesco
17:55	[23] Many-body physics with photons	FAZIO, Rosario
18:25	[27] Tensor Networks for Lattice Gauge Theories and Atomic Quantum Simulation	MONTANGERO, Simone