Winter Graduate School on Atomic, Molecular and Optical Physics
Quantum Information: Fundamentals and Applications

January 4-11, 2017

2017 Theme
The theme for this winter school will be on quantum sensing and simulations, entanglement in ultracold atoms, trapped ions and superconducting qubits, quantum information, and implementation in atomic and atomic-like systems.

Requirements
Students must have quantum mechanics background and be interested in exploring graduate research in AMO physics.

Registration
Registration opens in September. Cost will include full accommodation, meals, and transportation to and from Tucson International Airport.

For updates and to join the mailing list, visit ITAMP website: https://www.cfa.harvard.edu/itamp/WinterSchool2017.html

Invited Lecturers

Paola Cappellaro (MIT)  Misha Lukin (Harvard)
Markus Greiner (Harvard)  Chris Monroe (JQI - UMD)
Steve Girvin (Yale)  Matthias Troyer (ETH)
Wolfgang Lechner (Innsbruck)  Susanne Yelin (Harvard/UConn)
Seth Lloyd (MIT)

Organized by:
The Institute for Theoretical Atomic, Molecular and Optical Physics* and the B2 Institute
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