



WINTER GRADUATE SCHOOL ON ATOMIC, MOLECULAR AND OPTICAL PHYSICS QUANTUM INFORMATION: FUNDAMENTALS AND APPLICATIONS



B2 Institute

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)
Markus Greiner (Harvard)
Steve Girvin (Yale)
Wolfgang Lechner (Innsbruck)
Seth Lloyd (MIT)

Misha Lukin (Harvard)
Chris Monroe (JQI - UMD)
Matthias Troyer (ETH)
Susanne Yelin (Harvard/UConn)

Organized by:

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

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