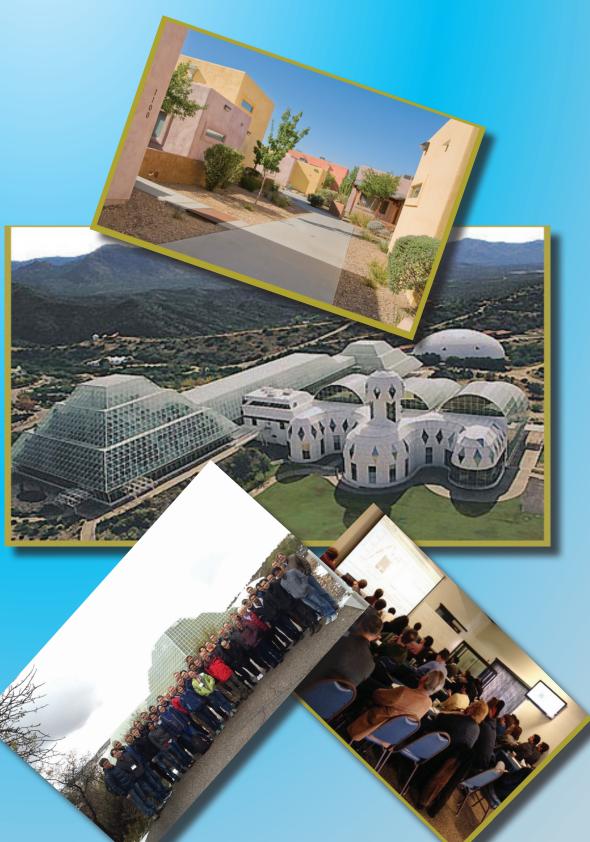


# WINTER GRADUATE SCHOOL ON ATOMIC, MOLECULAR AND OPTICAL PHYSICS QUANTUM INFORMATION:







# **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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