

# Winter Graduate School on Atomic, Molecular and Optical Physics: Ultracold and Ultrafast Atomic Physics

**January 8-20, 2012**  
at Biosphere 2 Conference Center in Arizona

## **2012 THEMES**

The themes this year will be on ultracold and ultrafast AMO physics which have become major interdisciplinary research areas over the last couple of decades.

## **STUDENT REQUIREMENTS**

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

## **REGISTRATION**

Double occupancy, \$1300  
Single occupancy, \$1775

Costs include full accommodations, meals, and transportation to and from the airport. To register, go to: <http://www.cfa.harvard.edu/itamp/winterschool.html> and click on the link "Registration"

## **CONFIRMED LECTURERS**

Andreas Becker, JILA

Phil Bucksbaum, SLAC

Ivan Deutsch, University of New Mexico

Lou DiMauro, The Ohio State University

Mette Gaarde, Louisiana State University

Markus Greiner, Harvard University

Poul Jessen, University of Arizona

Roman Krems, University of British Columbia

Mikhail Lukin, Harvard University

Margaret Murnane, JILA

William D. Phillips, NIST

Han Pu, Rice University

Tom Weinacht, Stony Brook University

Jun Ye, JILA

Martin Zwierlein, MIT

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



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