



WINTER GRADUATE SCHOOL ON ATOMIC, MOLECULAR AND OPTICAL PHYSICS: ULTRACOLD RYDBERG PHYSICS



B2 Institute

JANUARY 4 -12, 2014

2014 THEME

Ultracold Rydberg atoms and molecular many-body physics in cold Rydberg gases, field control of Rydberg atoms, applications to quantum optics and quantum information.

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's website:
<http://itamp.harvard.edu/winterschool2014.html>

CONFIRMED LECTURERS

Charles Adams, *Durham University*
Andreas Buchleitner, *Albert-Ludwigs University*
Barry Dunning, *Rice University*
Tom Gallagher, *University of Virginia*
Misha Lukin, *Harvard University*
Klaus Moelmer, *Aarhus University*

Tilman Pfau, *University Stuttgart*
Thomas Pohl, *MPIPKS*
Jan-Michael Rost, *MPIPKS*
Mark Saffman, *University of Wisconsin- Madison*
Peter Schmelcher, *University Hamburg*
Matthias Weidemüller, *University Heidelberg*

Organized by:

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

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