

University of Notre Dame
College of Science
Department of Physics

ATOMIC PHYSICS SEMINAR

Toward Scalable Entanglement of Neutral Atoms

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In this talk, I report on our progress towards trapping of a single atom in the ground motional state “on demand.” I show that realization of this step at ultra-high fidelity is an enabling resource for scalable entanglement.

Host: Jonathan Sapirstein

ALL INTERESTED PERSONS ARE CORDIALLY INVITED TO ATTEND