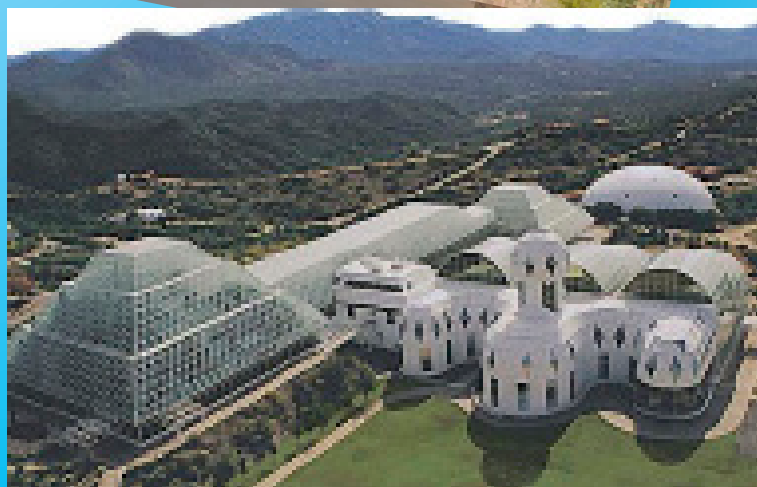


WINTER GRADUATE SCHOOL ON ATOMIC, MOLECULAR AND OPTICAL PHYSICS

Cold Molecules for Quantum Information Technologies and Fundamental Physics

Biosphere 2 Campus, Arizona



FEBRUARY 19 - 25, 2023

2023 THEME

The proliferation of techniques to trap and cool molecules allows unprecedented access and control of interactions within and among molecules. This school provides pedagogical introduction to the state of the art technologies to control molecules for quantum information processing, precision measurements, fundamental physics, ultracold chemistry, and quantum simulations.

REQUIREMENTS

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

REGISTRATION

Student registration opens in November. Fee includes room and board and transportation to and from Tucson Airport.

<https://lweb.cfa.harvard.edu/itamp-event/winter-graduate-school-2023-cold-molecules-quantum-information-technologies-and>

INVITED LECTURERS (PARTIAL)

John Bohn (*JILA*)
Simon Cornish (*Durham*)
David DeMille (*Chicago*)
Kang-Kuen Ni (*Harvard*)

Gerhard Rempe (*MPQ*)
Timur Tscherbul (*Nevada-Reno*)
Nicholas Hutzler (*Caltech*)

The Institute for Theoretical Atomic, Molecular and Optical Physics

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