



International Conference on  
Atomic Physics XXI  
Storrs, Connecticut, USA  
July 27 - August 1, 2008

**Second Announcement**

The 21st International Conference on Atomic Physics, ICAP 2008, will be held from Sunday, July 27 to Friday, August 1, 2008 on the campus of the University of Connecticut, Storrs, Connecticut, USA. The campus is located in scenic New England between New York and Boston. The conference Co-chairs at the Physics Department, University of Connecticut are: Profs. Winthrop Smith, Robin Cote and Phillip Gould.

**Conference Website:**

<http://www.phys.uconn.edu/icap2008/>

The Website has details on How to Register, Abstract Submission, Travel and Accommodations, Excursions, Summer School, Contact Information, Additions to the Mailing List, etc.

## **Important Dates and Deadlines:**

**March 31, 2008:** Conference registration opens (including on-campus housing, meal plan and airport shuttles)

**April 9, 2008:** Abstract submission opens

**April 22, 2008:** Deadline for application for financial support from IUPAP

**April 22, 2008:** Student support application deadline

**May 9, 2008:** Early registration ends

**June 9, 2008:** Abstract submission deadline

**June 27, 2008:** Preconference registration ends

**July 20-25, 2008:** One week Summer School for new researchers, MIT-Harvard Center for Ultracold Atoms, Cambridge MA, USA

**July 22-26, 2008:** International Conference on Precision Physics of Simple Atomic Systems, Windsor, Ontario, Canada

**July 27-August 1, 2008:** ICAP 2008, Storrs, Connecticut, USA

## **General Information:**

Recent previous conferences in this premier series were held in even-numbered years in Innsbruck, Austria (2006), Rio de Janeiro (2004) and Cambridge, MA(2002). These conferences are devoted to fundamental studies and forefront research in basic AMO physics, broadly defined. Emphasis is on atoms and their interactions with each other and with external fields. All invited talks are plenary, including two "Hot Topics" sessions, plus 3 poster sessions. On the opening day of the conference there will be a Nobel Symposium featuring talks by recent Nobel Laureates in AMO Physics, who participate actively in the conference. Topics this year include but are not limited to: Precision Measurements, Atomic Clocks, Quantum Information, Trapped Ions, Quantum Optics and Cavity QED, Bose and Fermi Gases of atoms, Optical Lattices, Cold Molecules, Mesoscopic Quantum Systems and

Ultrafast Phenomena. The program with a list of confirmed invited speakers is given on the Website above.

IUPAP sponsorship has been secured, including subsidies for a limited number of participants from developing countries. Limited support for students attending ICAP2008 will also be available. A satellite conference and an AMO Physics Summer School are associated with the conference. The members of the International Advisory Committee, Program Committee and Local Committee are listed on the [Conference Website](#). There will be a program of activities for Accompanying Persons at the conference.

### **Contact:**

For questions not answered on the Website above, use the Conference email address [icap2008@phys.uconn.edu](mailto:icap2008@phys.uconn.edu)

### **Registration Fees:**

	Early Rate	Regular Rate
Deadline	May 9	June 27
Regular participant	\$495	\$600
Student participant	\$325	\$400
Accompanying person	\$100	\$100

See [Conference Website](#) for details.

There will be a free evening Concert (Monday) and the Public Lecture (Tuesday). The Conference Banquet (Thursday) is an additional \$65 and the Conference Excursions (Wednesday afternoon) cost an additional \$50, including transportation. Register at the [Conference Website](#) for these.