

ICAP 2012

The 23rd International Conference
on Atomic Physics

■ 23-27 July 2012
École Polytechnique
Route de Saclay - Palaiseau
France



The 23rd International Conference on Atomic Physics will be held in the École Polytechnique. Following the tradition of ICAP, the conference will present a cutting-edge programme of invited speakers covering the most recent subjects in the field of atomic physics:

- › Fundamental atomic tests and measurements,
- › Precision measurements, including atomic clocks and atom interferometers,
- › Ultracold gases and Bose Einstein condensates,
- › Ultracold Fermi gases,
- › Atoms and molecules in optical lattices,
- › From two-body to many-body systems,
- › Quantum information and simulations with atoms and ions,
- › Quantum optics and cavity QED with atoms,
- › Ultrafast phenomena and free electron lasers,
- › Beyond atomic physics (bio, optomechanics, astro...).

Contributed papers will be presented in active poster sessions.

Invited speakers

Alain Aspect | Immanuel Bloch
Philip Bucksbaum | Gretchen Campbell
Iacopo Carusotto | Paolo De Natale
Victor Flambaum | Taekjip Ha
Jeffrey Hangst | Ed Hinds
Serge Haroche | Dieter Jaksch
Deborah Jin | Selim Jochim
Ursula Keller | Wolfgang Ketterle
Tobias Kippenberg | Stefan Kuhr
Benjamin Lanyon | Anne L'Huillier
Mikhail Lukin | Christopher Monroe
Gerhard Rempe | Christophe Salomon
Roman Schnabel | Gora Shlyapnikov
Ian Spielman | Masahito Ueda
Jelena Vukovic | Jun Ye | Martin Zwierlein

Chairs

Philippe Grangier (École Polytechnique/IOGS/CNRS)
Michèle Leduc (ENS/CNRS/IFRAF)
Hélène Perrin (Paris 13 University/CNRS)

Organisers



<http://www-lpl.univ-paris13.fr/icap2012/>

