

## Topics:

- ▶ Fermi gases
- ▶ Cold molecules
- ▶ Atomic clocks
- ▶ Bose-Einstein condensates
- ▶ Atomic tests of fundamental physics
- ▶ Laser spectroscopy, cooling and trapping
- ▶ Chip traps for atoms, ions and molecules
- ▶ Quantum optics and cavity QED
- ▶ Attosecond physics with atoms
- ▶ Atoms in optical lattices
- ▶ Quantum information processing with atoms and ions



2006 ICAP

[www.icap2006.at](http://www.icap2006.at)

### ▶ Confirmed speakers include:

Immanuel Bloch	Jeff Kimble
Claude Cohen-Tannoudji	Dan Kleppner
Eric Cornell	Misha Lukin
John Doyle	Bill Phillips
Jean Dalibard	Norman Ramsey
Tilman Esslinger	Jakob Reichel
Victor Flambaum	Carl Wieman
Roy Glauber	David Wineland
Theodor Hänsch	Jun Ye
Wolfgang Ketterle	...and many more

**16-21 JULY 2006**  
**INNSBRUCK / AUSTRIA**

**AMO summer school 9-14 JULY 2006**  
with I. Cirac, H.-P. Helm, P. Julienne,  
J. Kimble, W. Ketterle and others

**Satellite workshop 23-24 JULY 2006**  
“Atomic Physics with trapped ions”

#### ▶▶ Chair:

Rainer Blatt, Rudolf Grimm, Peter Zoller

#### ▶▶ Local organizing committee:

Johannes Hecker Denschlag, Hartmut Häffner, Wolfgang Hänsel, Timo Körber, Hanns-Christoph Nägerl, Helmut Ritsch, Christian Roos, Piet Schmidt, Florian Schreck, Jürgen Eschner (Satellite Meeting), Ferdinand Schmidt-Kaler (Satellite Meeting)

#### ▶▶ Program committee:

Alain Aspect, Joachim Burgdörfer, Nir Davidson, David DeMille, Wolfgang Ertmer, Tom Gallagher, Peter Hannaford, Wonho Jhe, Paul Julienne, Hitetoshi Katori, Jürgen Kluge, Maciej Lewenstein, Eugene Polzik, Gerhard Rempe, Christophe Salomon, Sandro Stringari, Vladan Vuletic, Ian Walmsley

20th international conference on atomic physics