

ECAMP11

11TH EUROPEAN CONFERENCE ON ATOMS, MOLECULES AND PHOTONS

24-28 JUNE 2013, AARHUS, DENMARK

Dear Colleague

The Department of Physics and Astronomy at Aarhus University will be hosting the 11th European Conference on Atoms, Molecules and Photons (ECAMP).

The triennial ECAMP conference series, launched in 1981, is the major conference of the Atomic, Molecular and Optical Physics Division (AMOPD) of the European Physical Society (EPS). This series of conferences seeks to promote the dissemination and exchange of scientific knowledge in the field of AMO physics.

With this announcement we would like to encourage the broadest participation of the worldwide AMO community. The scientific programme will cover the most recent developments in the broader field of AMO physics. 2013 marks the centennial of Niels Bohr's model of the atom and this ground-breaking work will of course be highly reflected in the programme.

ECAMP11 will take place from 24 to 28 June 2013 at the Lakeside Lecture Theatre, Aarhus University.



We look forward to seeing you in Aarhus in June 2013. Further information is available on <http://ecamp11.au.dk/>

Session Topics

- Atomic and molecular astrophysics and other AMOP applications
- Atomic and molecular collisions
- Electron collisions
- Photo induced processes
- Atomic spectroscopy
- Molecular spectroscopy
- Molecular reaction dynamics
- Ultrafast dynamics and attosecond physics
- Coherent control
- Strong fields
- Highly charged ions
- Biomolecules
- Clusters and nanoparticles
- Surface reaction dynamics and self-assembly
- Rydberg atoms and ultra-cold plasmas
- Atom interferometry and atomic clocks
- Degenerate quantum gases
- Cold ions, atoms and molecules
- Fundamental physics, precision measurements and metrology
- Quantum information and cavity QED

AMOPD Committee

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