



# International Conference on Quantum, Atomic, Molecular and Plasma Physics

**4–7 September 2017**

**Hilton Glasgow Grosvenor Hotel, Glasgow, UK**

Organised by the Institute of Physics Quantum Optics, Quantum Information and Quantum Control Group, Quantum Electronics and Photonics Group, Plasma Physics Group, Atomic and Molecular Interactions Group, Molecular Physics Group and Computational Physics Group

QuAMP is a biennial international conference on Quantum, Atomic, Molecular and Plasma Physics.

QuAMP 2017 will be held in Glasgow at the Hilton Glasgow Grosvenor Hotel, from 4–7 September 2017.

The meeting will cover quantum information and technology, quantum optics, ultra-cold matter, the interaction of light with molecules and plasmas. The format comprises plenary talks by invited speakers as well as some contributed talks and posters. We invite applications for participation and presentation of posters and contributed talks. To submit an abstract or to register, please use the online form at [quamp2017.iopconfs.org](http://quamp2017.iopconfs.org).

## Bates Prize 2017

Nominations are invited from early career researchers for the 2017 Bates Prize. The prize is awarded in odd years to commemorate Sir David Bates FRS and his pioneering studies of atomic and molecular processes and their role in atmospheric science, plasma physics and astronomy. The winner will give a talk at the conference and will receive a prize of £500.

## Organisers

- Sonja Franke-Arnold (conference chair)
- Sarah Croke (conference co-chair)
- Dawn Stewart (IOP organiser)
- Steve Barnett (programme chair)
- Jonathan Pritchard (exhibition)

For general enquiries, please email [conferences@iop.org](mailto:conferences@iop.org).

## Confirmed invited speakers

- Peter Barker, University College London
- Almut Beige, University of Leeds
- William Bertsche, CERN
- Kai Bongs, University of Birmingham
- Marco Borghesi, Queen's University Belfast
- Dan Browne, University College London
- Barry Garraway, University of Sussex
- Ed Hinds, Imperial College London
- Viv Kendon, Durham University
- Natalia Korolkova, University of St Andrews
- Jonathan Leach, Heriot Watt University Edinburgh
- Graeme Malcolm, MSquared
- Giovanna Morigi, Saarland University, Germany
- John Rarity, University of Bristol
- Gerd Rempe, Max Planck Institute of Quantum Optics
- Alastair Sinclair, NPL
- Kevin Weatherill, Durham University
- Nigel Woolsey, University of York

## Important dates

<b>Abstract submission deadline:</b>	2 July 2017
<b>Early registration deadline:</b>	4 August 2017
<b>Registration deadline:</b>	24 August 2017

[quamp2017.iopconfs.org](http://quamp2017.iopconfs.org)