



# PLASMA 16

43rd IOP Plasma Physics Conference

**23–26 May 2016**

**Sabhal Mòr Ostaig, Isle of Skye, UK**

Organised by the IOP Plasma Physics Group

**<http://plasma16.iopconfs.org>**



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43rd IOP Plasma Physics Conference

Plasma science is a diverse and lively research frontier, with a wide-ranging and profound impact on UK strategic science, engineering and industry. The diversity of application of plasma science is extraordinary: from environmentally clean nuclear fusion power plants to exacting and intricate surface processing; from immensely energetic photon-matter interactions in the lab and space to delicate healing of wounds in plasma medicine – the all-encompassing scientific and societal impact of this truly far-from-equilibrium state of matter is remarkable.

This conference will cover all aspects of plasmas, including theory, simulation and experiment: magnetic and inertial confinement fusion, astrophysical and space science plasmas, low density and technological plasmas including applications, high energy density and laser driven plasmas, dust and complex plasmas, plasmas for medicine and biology, plasma surface interactions, plasma diagnostics.

We welcome research contributions (oral and poster) in any of these areas, including interdisciplinary plasma topics. We have a range of distinguished expert invited speakers who will describe the research frontiers in their specialisms, and together with the contributed oral and poster presentations, this conference will offer a comprehensive vision of the current state-of-the art across all plasma science.

The IOP Plasma Physics Group Spring Conference will be held at Sabhal Mor Ostaig, on the Hebridean isle of Skye. SMO offers the comprehensive conference facilities expected of an academic institute, including lecture theatres, break-out rooms and wifi, along with comprehensive (licensed) catering, fully en-suite accommodation, and an on-site creche.

We have a range of industrial and institutional sponsorship, and proposals for exhibitions, relevant business meetings (research and industrial) and parallel sessions are particularly welcome. SMO is only a short distance from the ferry terminal at Armadale, and transport from Inverness Airport direct to the conference venue on Skye will be provided.

Skye is a beautiful island, and the SMO coastal site offers breathtaking views over the Sound of Sleat. There will be a range of optional activities offered for the enjoyment of the delegates during free time.

## Invited speakers include:

- Prof. R Bingham (STC CLF, University of Strathclyde)
- Dr N Booth (STFC CLF)
- Dr M Bowden (University of Liverpool)
- Prof. J C Brown (Astronomer Royal for Scotland)
- Dr O Ciricosta (University of Oxford)
- Prof. Steve Cowley (Director, CCFE)
- Dr M Fitzgerald (CCFE)
- Prof. Mark Koepke (West Virginia University)
- Prof. A Randewich (Chief Scientist, AWE)

Further details can be found at the conference website <http://plasma16.iopconfs.org>.

## Key dates:

<b>Abstract submission deadline:</b>	8 February 2016
<b>Early registration deadline:</b>	25 April 2016
<b>Registration deadline:</b>	4 May 2016

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*Images above are of the conference venue at Sabhal mòr Ostaig, Isle of Skye*

**Details at <http://plasma16.iopconfs.org>**