

## Lecturer in Theoretical Plasma Physics (Equivalent to a tenured Assistant Professor)

Salary £47,910 – £53,400 p.a.

The Department of Physics, wishes to appoint a Lecturer in the Plasma Physics Group, in the area of theoretical plasma physics. The appointee will be part of the Plasma Physics Group. The Group comprises 10 academic staff with expertise in the following areas: high energy density plasmas; inertial confinement fusion; MHD plasma modelling; fundamental plasma processes such as reconnection, turbulence and shocks; laser-plasma interactions including particle acceleration; experimental laboratory astrophysics, and magnetic confinement fusion. Some significant activities within the Group include: the MAGPIE Z-pinch experiment; the Centre for Inertial Fusion Studies; the John Adams Institute for Accelerator Science; major collaborations with RAL, AWE, DSTL, Sandia and LLNL. The successful applicant will enhance these research interests. The successful candidate will hold a good undergraduate degree and a PhD (or equivalent) in a relevant subject in addition to an excellent record of research in theoretical plasma physics, evidenced by a portfolio of research publications commensurate with career stage. It is essential that you are able to establish and lead a coherent research programme of your own and also demonstrate the potential to collaborate with other experimental or theoretical groups and programmes in the Department and/or College. You will have experience

of presenting at national and/or international scientific conferences and demonstrate the ability to teach effectively at both undergraduate and postgraduate level.

Our preferred method of application is online via our website. Please go to <http://www.imperial.ac.uk/jobs> and search using the vacancy reference 'Lecturer Theoretical Plasma Physics'. In addition to completing the online application, candidates should attach a full CV, with contact details for three referees.

Should you have any queries about the application process please contact the Plasma Physics Administration office via [plasma@imperial.ac.uk](mailto:plasma@imperial.ac.uk). Should you have any technical queries please contact: [recruitment@imperial.ac.uk](mailto:recruitment@imperial.ac.uk)

For an informal discussion about the post, please contact Professor Sergey Lebedev, Head of the Plasma Physics Group, by phone +44 (0)20 7594 7748 or by email to [s.lebedev@imperial.ac.uk](mailto:s.lebedev@imperial.ac.uk)

**Closing Date: 30 April 2018**

*Committed to equality and valuing diversity. We are also an Athena SWAN Silver Award winner, a Stonewall Diversity Champion, a Disability Confident Employer and are working in partnership with GRES to promote respect for trans people.*

