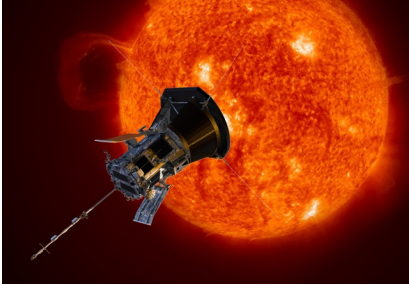


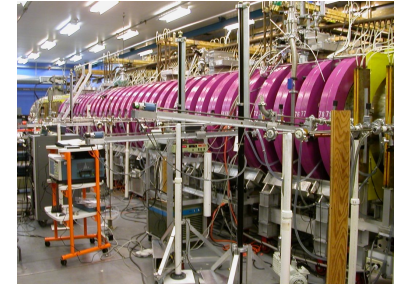
Postdoc Position Available

Space Plasma Physics | Lab Plasma Experiments | Plasma Theory & Simulation | Space Weather



Parker Solar Probe spacecraft

One postdoc position is available to join Dr Christopher Chen's UKRI Future Leaders Fellowship team and work on the research programme:
"Exploring New Regions of Space: Fundamentals and Impacts of Astrophysical Plasma Turbulence"



Large Plasma Device at UCLA

This is a broad programme, with interrelated and flexible sub-projects. The overall aim is an understanding of turbulence as a fundamental process in space/lab/astrophysics, the role it plays in these environments e.g. solar wind / heliosphere / astrophysical systems, and modelling its contribution to space weather. Projects involve:

- spacecraft data analysis (e.g., Parker Solar Probe, Solar Orbiter, Voyager)
- laboratory plasma experiments (e.g., the Large Plasma Device at UCLA)
- space weather research (e.g., observational analysis, space weather modelling)
- plasma theory and simulation (e.g., turbulence, plasma kinetics, space weather simulation)
- astrophysical plasma physics (e.g., turbulence in astrophysical systems)

We encourage applications from candidates with expertise in one or more of the above areas, and interest in getting involved in the others, to lead the sub-projects and work as part of a highly collaborative team.

Join a vibrant, supportive, and growing research group, and work with international expert project partners.

Extensive career support is available as part of the FLF programme, including external training opportunities.

Application deadline: 31st December 2023. Late enquiries may be accepted until the positions are filled.

Expected start date: flexible, but asap after interviews and offer

Application link: <https://www.qmul.ac.uk/jobs/vacancies/items/9056.html>

More info about the group: <https://www.space-plasma.qmul.ac.uk>

Informal enquiries: christopher.chen@qmul.ac.uk



Based at the QMUL Mile End campus in London

