

JOB DESCRIPTION

Vacancy Ref: A1795

Job Title:	Senior Research	n Associate (Martian Plasma Environment)	Present Grade: 7
Department/Co	llege:	Physics Department	
Directly respons	sible to:	Prof. Jim Wild	

Supervisory responsibility for: N/A

Other contacts

Internal:

Staff and students in the Space and Planetary Physics Group

External:

International project partners and collaborators

Major Duties:

- 1. Conduct scientific research into the response of the outer Martian plasma environment to solar wind and interplanetary magnetic drivers, and investigate the coupling between the inner Martian plasma environment and interplanetary space.
- 2. Work with data from relevant spacecraft missions such as Mars Express, Mars Global Surveyor, MAVEN, developing computer-based analysis and visualisation techniques as appropriate, to address the scientific goals of the project.
- 3. Prepare papers for publication of project outputs in high-impact, peer-reviewed scientific journals.
- 4. Engage in training, professional development, and knowledge exchange opportunities offered by the university.
- 5. Collaborate effectively with other members of the Space and Planetary Physics research group.