



Max Planck Post-Doctoral Fellowship in cometary submm spectroscopy with Herschel

The **Max Planck Institute for Solar System Research (MPS)** offers a postdoc position in cometary submillimetre spectroscopy related observational data to be obtained with the Herschel Space Observatory. The observations will be focused on the determination of the deuterium-to-hydrogen ratio and the excitation mechanisms of water in cometary comas. The primary task of the successful applicant will be to support the Herschel observations and the subsequent data analysis that includes the compilation of calibrated data and the appropriate modeling (see <http://www.mps.mpg.de/projects/herschel/HssO/index.htm>).

Applicants are welcome with a background in cometary physics, submm spectroscopy and/or radiative transfer modeling.

The fellowship is available immediately for 2 years, with the possibility of an extension. The payment will be according to the rules of a tax-free stipend of the Max Planck Society.

Interested candidates should send their curriculum vitae, publication list, summary of past research, experience, and research interests, and the contact information of two potential referees. The application review process will begin March 31, 2009, and will continue until the position is filled.

Applications should be sent to:

Dr. Paul Hartogh

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Max-Planck-Str. 2
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For further information please contact P. Hartogh (hartogh@mps.mpg.de)