



## PhD Student Position on Dynamo Processes in Planetesimals

The University of Göttingen and the Astrophysical Institute of Potsdam (AIP) invite applications for a PhD student position funded by the Deutsche Forschungsgemeinschaft (DFG) within the priority programme SPP1488 for a period of three years.

The working place will be the AIP, an institute of the Leibniz Association, which is located in the beautiful Potsdam/Babelsberg area, at the border to Berlin. The institute works in two major fields which are cosmic magnetic fields and extragalactic astrophysics. The position offered will be set up in the Department for Cosmic Magnetic Fields, within the Magnetohydrodynamics and Turbulence Group (<http://www.aip.de/groups/MHD>). The successful candidate will work on simulations of the amplification of magnetic fields in the cores of planetesimals. Nutation or changes of angular momentum by collisions are envisaged for the amplification or possible dynamo effect in these minor bodies. The simulations will be based on an existing spherical spectral MHD code. A fair knowledge of programming languages is desired for adapting the code, writing suitable diagnostic routines, and the visualization of the results.

Applications are invited to arrive before May 15, 2010, although later applications may be considered if no suitable candidate could be found. The preferred starting date for successful applicants is June 1, 2010. The salary is based upon the German federal public service scale (75% of TV-L E13). The University of Göttingen is an equal opportunity employer and as such, considers individuals for employment according to their skills, abilities, and experience. Women are particularly encouraged to apply.

Please send your application (email submission preferred) with a CV and other relevant documents to the address given below. You are asked to arrange for one or two letters of recommendation supporting your application.

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