

Two Postdoctoral research positions, one PhD position in close binary research

The Astrophysical Institute Potsdam (AIP) invites applications for two postdoctoral research positions and one PhD position for studies of close interacting binaries. The first project is funded by the Deutsches Zentrum für Luft- und Raumfahrt (DLR) with one postdoc for 1.5 years and one PhD for three years. It exploits the X-ray spectra of magnetic interacting binaries on the basis of observations with XMM-Newton and complementing ground-based optical observations. The second project is funded by the Deutsche Forschungsgemeinschaft (DFG) with one postdoc for 22 months. In this project, performed with partners in the UK and Chile, close binary evolution is studied using a comprehensive sample of pre-cataclysmic binaries discovered in the SDSS.

The AIP, an institute of the Leibniz Association, is located in the beautiful Potsdam/Babelsberg area, at the border to Berlin. About 80 scientists work on a variety of astrophysical topics (www.aip.de/groups.html). The AIP participates in the SDSS-3, it is involved in the XMM-Newton Survey Science Centre and participates in the eROSITA mission scheduled for launch in 2012.

Applications are invited to arrive before August 15th, 2010, although later applications may be considered. The positions are expected to start in the fall of 2010. The salary is based upon the German federal public service scale (TV-L E13, 50% for the PhD). The AIP is an equal-opportunity employer and particularly welcomes applications from women, disabled persons and minorities.

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 to be sent to the same address.

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