Software Developer at the Zentrum für Astronomie der Universität Heidelberg (ZAH)

The Gaia group in Heidelberg seeks a computer scientist or an astrophysicist for a position at the Zentrum für Astronomie der Universität Heidelberg (ZAH), Germany. Gaia is a space observatory of the European Space Agency (ESA) which compiles a 3D space catalogue of more than one billion stars, i.e. roughly 1% of the stars in our Milky Way. The ZAH operates a partner data center hosting the first two Gaia data releases.

Duties

The successful applicant will maintain and expand the services offered by the Heidelberg Gaia data center (gaia.ari.uni-heidelberg.de); this, in particular, comprises the database service based on the ARI/CDS TAP library (http://cdsportal.u-strasbg.fr/uwstuto/) implementing the Virtual Observatory Table Access Protocol. Service developments should support the scientific exploitability of the Gaia results. This will in particular include coding in several programming and scripting languages (C, java, python, . . .) as well as the design and extension of data base systems. The job will include intensive cooperation with local and international partners.
The applicant should have

- at least a Master's degree or equivalent in either physics, astrophysics, or computer science,

- solid skills in software development and knowledge about data base systems,

- preferably solid knowledge of at least one field of astronomy,

- proficiency in English and preferably German.

Administrativa

The position is for a fixed term until the end of 2020. The compensation is governed by the German Tarifvertrag der Länder on level E11/E13, depending on qualification (between 2700 and 3700 Euro per month gross). Please send your applications to Stefan Jordan, jordan@ari.uni-heidelberg.de, Mönchhofstr. 12-14, 69120 Heidelberg. Applications in electronic from are highly preferred. Please include (links to) samples of code you have written. For further information, send mail to the address above or call +49 (0)6221 54 1842. The application deadline is March 15, 2018.