

**Post-doctoral position in stellar/Galactic astrophysics  
at the Dr. Remeis-Sternwarte Bamberg, University of Erlangen-Nuremberg (Germany)**

Applications are invited for a post-doctoral research position in the stellar astrophysics group astronomical institute of the University Erlangen-Nuremberg (<http://www.sternwarte.uni-erlangen.de/index.php/remeis-start/research/stellar-astronomy>), which is hosted at the Dr. Remeis-Sternwarte in the beautiful city of Bamberg (<https://en.bamberg.info>).

The successful candidate is expected to work on the research project “Origin of massive high-velocity stars in the halo”, which includes the enigmatic hyper-velocity stars (HVS). The goal of this project is to understand the origin and nature of massive runaway and HVSs. Gaia astrometry will be the project’s backbone and shall be utilized, e.g., to identify the origin of the stars, clarify their ejection mechanisms, and to constrain Galactic mass models. A complete sample of high-velocity stars shall be established to test population synthesis models.

Applicants should have a sound knowledge of stellar and Galactic astrophysics. Expertise in Gaia data handling and/or modeling of the Galactic structure would be highly beneficial. Familiarity with population synthesis modeling would be an asset.

In its pursuit of academic excellence, FAU is committed to equality of opportunity and to a proactive and inclusive approach, which supports and encourages all under-represented groups, promotes an inclusive culture and values diversity.

The position is funded for three years by the German Research Foundation DFG (Deutsche Forschungsgemeinschaft). The appointment shall start on October 1st, 2017 or later. The salary is based on the German public service scale (TV-L). Benefits are according to the German public service rules and include unemployment, healthcare and retirement benefits.

Applicants should hold a PhD in astrophysics or should be close to finishing their thesis. To apply, please prepare a cover letter as well as a curriculum vitae, which includes statements on education and research experience, and provide the names of three contact persons who might be asked for letters of reference.

Please send your application by July 31st, 2017 (late applications will be considered until the position is filled) as a single PDF file to

Prof. Dr. Ulrich Heber ([ulrich.heber@fau.de](mailto:ulrich.heber@fau.de))  
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