

Postdoc Position in Stellar Magnetism at KIS

The Leibniz-Institute for Solar Physics (KIS), Freiburg, Germany, invites applications for a full-time position of a postdoctoral scientist to carry out joint research within the Solar-Stellar Connections Group with the focus on stellar magnetism.

KIS is a foundation of public law of the State of Baden-Württemberg and a member of the Leibniz Association. Its mission is to perform fundamental astrophysical research with an emphasis on solar physics. Current research foci are 1) the dynamic solar atmosphere, 2) the Sun among stars, and 3) Instruments, Techniques and Data. KIS operates the German solar facilities at the Teide Observatory on Tenerife, including the 1.5m GREGOR and 0.7m VTT solar telescopes. KIS participates in Solar Orbiter, Sunrise, and the DK1 Solar Telescope (DKIST), for which one of the first instruments, the Visible Tunable Filter (VTF), is being constructed at KIS. Further information can be obtained via the web page of the Institute

The Solar-Stellar Connections group at KIS is active in observational and theoretical solar and stellar physics with the focus on magnetic field retrievals, modeling and simulations, as well as effects of the stellar and solar activity on the atmospheres of exoplanets and solar system planets. The group has access to German, European, US and other world-wide large telescopes equipped with modern spectropolarimeters and also leads international projects in high-precision polarimetry.

We are looking for a scientist with an excellent record of post-doctoral research in stellar magnetism, with a strong expertise in either observational or theoretical stellar and/or exoplanetary research. Knowledge of polarimetric techniques would be an advantage.

KIS is an equal opportunity employer, and we particularly welcome applicants from groups who have been traditionally underrepresented in astronomy.

The appointment will be for a term of 2 years according to German legislation. The salary and benefits are according to the rules for government employees of the State of Baden-Württemberg at the E13 TV-L level. An extension for one year or for a tenure-track position is possible, subject to an excellent performance and successful review.

The application should include a motivation letter, CV, list of publications, a research statement (max three pages) and names and contact details for 2-3 references.

The position is available immediately. Applications will be considered from **July 15, 2021**, until the position is filled. Applications using the reference "Postdoc Position Stellar Magnetism" shall be sent by E-mail to: hr@kis.uni-freiburg.de

For questions please contact Prof. Dr. Svetlana Berdyugina (berdyugina@leibniz-kis.de)