

Photonic Scientist

Leibniz-Institut für Astrophysik Potsdam (AIP) - innoFSPEC

Astrophotronics is a rapidly maturing field that applies frontier physical, optical, and photonic technologies to improve the power and efficiency of modern astronomical instruments. The AIP is offering a photonics scientist position in the field of Astrophotronics for the innoFSPEC innovation centre. This is an opportunity to make a significant contribution to the field of Astrophotronics, future astronomical instrumentation and related scientific disciplines.

The successful candidate will interact closely with researchers at collaborating institutions, research partners, also the scientists and students of innoFSPEC to propose and develop practical applications for photonics in astronomy and other fields. This position will act as a bridge between pure research in areas such as novel optical fibres, fibre Bragg gratings, integrated photonics, frequency combs and fibre sensors, and practical applications for this research. A team of experienced experimental and instrument scientists and managers will provide support for the photonic scientist. Applicants must hold a PhD in physics, optics, photonics, or related scientific disciplines, and a solid background in photonic research and development.

innoFSPEC Potsdam is an interdisciplinary innovation centre, operated by AIP and the University of Potsdam, with its headquarter on the campus of AIP. The AIP is located in the beautiful area of Potsdam-Babelsberg, at the south-western border of Berlin. About 100 scientists work on a variety of astrophysical topics. The institute has a strong record in the development of instrumentation for “state of the art” international telescope facilities, such as the European South Observatory, Large Binocular Telescope, Hobby Eberly Telescope, and Calar Alto Telescope. The mission also includes major contributions to the next generation European Extremely Large Telescope (E-ELT) instrumentation.

The initial appointment is nominally three years with a possible extension, dependent on external funding. The salary is based on the German public service scale (TV-L). The AIP is an equal opportunity employer and as such, considers individuals for employment to their skills, abilities, and experience. Preference will be given to handicapped persons with equal competence.

To apply, please send a curriculum vitae including statements on education, skills, and experience to the given email address. Applicants should arrange for two to three letters of recommendation to be sent to the same address. Review of applications will begin immediately and continue until the position is filled.

Email Submission Address: rhaynes@aip.de

For further information contact: Dr. Roger Haynes

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See also: innoFSPEC: <http://www.innofspec.de> and AIP: <http://www.aip.de>