

Vacancy

Research for a sunny future!

Shape the photovoltaic technology of tomorrow in a young and highly motivated team.

The **International Solar Energy Research Center Konstanz** is an institute for photovoltaic research founded in 2005 with currently 50 employees. We are a young but experienced team of scientists who have emerged from the photovoltaic group of the University of Konstanz. We have state-of-the-art process and characterization equipment. In national and international research projects we work together with the leading international institutes and companies in the photovoltaic industry. For more information, please visit www.isc-konstanz.de.

As soon as possible we desire to fill the vacancy of a

Computer Scientist or Engineer.

The position is limited until August 2020 (duration of the project).

You belong to a team of scientists who are developing future manufacturing processes for solar cells as well as smartgrid systems within several research projects.

After an initial training phase you are responsible for a work package within a publicly funded project on the topic of future manufacturing processes (internet of things) for solar cells and modules. You will integrate sensors into existing laboratory and production processes, collect data in a production line, and develop methods for automated data collection. In addition, you will monitor the work of a sub-contractor (programming) to implement a demonstration environment for automated manufacturing at the institute.

Furthermore, you are helping to further develop and maintain a Smartgrid platform, which has already been used in field studies. For this, you have knowledge in the programming languages Java, Python and possibly PHP, as well as interest in the practical applications and the support of single-board computers.

With your experience in the area of programming and sensor programming / installation, you should help in other areas of the institute, if necessary, for a limited period of time.

Teamwork as well as an independent and purposeful working method are among your greatest strengths. You have a high degree of flexibility, operational readiness and resilience. We expect experience, if possible in an industrial environment, in the mentioned field of activity. An extension of the employment is desired with given financing.

The remuneration is based on the provisions of the TV-L (remuneration at public service in Germany). Please send your application with the usual documents and preferably by e-mail - to the ISC Konstanz e.V., Rudolf-Diesel-Straße 15, 78467 Konstanz; petra.hoffmann@isc-konstanz.de.

For questions, please contact

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