PhD Student Position
(75% TV-L 13)
Printed Organic Electronics – Device Architecture

Job Description

The Light Technology Institute (www.lti.kit.edu) of the Karlsruhe Institute of Technology is looking for a Doctoral Candidate to join its activities at InnovationLab in Heidelberg, Germany. InnovationLab is a public-private partnership committed to the research and development of printed electronics and the technology transfer between their academic and industrial partners (www.innovationlab.de).

We offer the opportunity to work in an international and dynamic environment. The candidate will be involved in a multidisciplinary project dealing with the development of novel printing strategies for the fabrication of optoelectronic applications. The work will focus on the use of digital printing techniques for the fabrication of organic electronic devices. During his/her doctoral research, the candidate will be trained in a broad spectrum of tasks ranging from ink formulation of functional materials, thin film characterization to device fabrication.

Salary

75% position according to the TV-L 13 scale of the German Public Service.

Profile

- Enthusiasm for research. Background in physics, physical chemistry, material science, electrical engineering or related areas.
- Excellent academic record.
- Experience in thin film characterization or solution process fabrication of optoelectronic devices is desirable.
- Verbal and written English proficiency is a requirement. Knowledge of German language is not mandatory.

Please send your CV, list of publications and transcripts together with your cover letter to gerardo.sosa@kit.edu. The subject of the email should contain the word “application”.

Location

Light Technology Institute, @ InnovationLab
Heidelberg, Germany

Application Deadline

31.10.2015

Starting date

01.02.2015

Contact

Dr. Gerardo Hernandez-Sosa
Research Group Leader
Light Technology Institute
Karlsruhe Institute of Technology
Speyerer Straße 4
69115 Heidelberg, Germany
gerardo.sosa@kit.edu

Prof. Uli Lemmer
Institute Director
Light Technology Institute
Karlsruhe Institute of Technology
Engesserstrasse 13
76131 Karlsruhe, Germany