PhD Student Position (75% TV-L 13)

Printed Organic Electronics – Surface Engineering

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 organic optoelectronic applications. You will be part of a team of experts in the field of printed electronics and main focus will be the local modification of surface energy by different nano-structuring technologies to improve the resolution of subsequent printing processes. Within the project you are responsible for the fabrication and characterization by different analytical methods. You will strongly interact with the printing scientists to prove different concepts of the local modification.

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 nano-imprint lithography, surface characterization (SEM, SPM, ...).
- 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

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