APPLICATIONS INVITED

Postdoctoral Position – Karlsruhe Institute of Technology (KIT), Karlsruhe, Germany

Starting Date: October 2021, Duration: 24 months (possibility of extension for 12 months)

Job Description

We are seeking a highly motivated post-doctoral candidate with a strong interest in synthetic photochemistry and polymer science, to join our multi-national and transcontinental research team based in Karlsruhe, Germany to undertake research in the field of advanced polymer design and synthesis combined with high resolution laser lithography.

The postdoctoral researcher will work in an interdisciplinary team in close collaboration with our partners at KIT, i.e. the applied physics group of Prof. Martin Wegener and the functional polymeric materials group of Prof. Eva Blasco.

The interdisciplinary project is aligned with the research goals of the Cluster of Excellence ‘3D matter made to order’. The cluster provides a collaborative environment for nanolithography application-driven materials research and innovation focusing on the combination of advanced photochemical polymerization techniques, material design and characterization.

The successful applicant will be based at the Institute of Nanotechnology (INT) at the Karlsruhe Institute of Technology (KIT) within the Soft Matter Materials Group (http://www.macroarc.org/), the Functional Polymeric Materials Group (https://www.uni-heidelberg.de/fakultaeten/chemgeo/oci/akblasco/index_Blasco.html) and the Cluster of Excellence ‘3D Matter Made to Order’ (https://www.3dmattermadetoorder.kit.edu/).

Personal Qualification

You have a university degree (Diplom (Uni)/Master) in chemistry with a doctorate and several years of professional experience in macromolecular chemistry. Furthermore, you have very good knowledge in organic and polymer synthesis and characterization. International experience is advantageous.

To apply, please provide:

(A) A letter of motivation
(B) A full CV and publication list
(C) Two detailed letters of reference (including one from the supervisor of your PhD thesis)

Please send your completed application in a single PDF document to Prof. Christopher Barner-Kowollik (christopher.barnerkowollik@qut.edu.au) or Prof. Eva Blasco (eva.blasco@kit.edu).