

## **Post-doc position**

### **Development of metal-complexes and metallo-supramolecular polyelectrolytes as electrochromic materials.**

**BMBF - Joint research-project:** smart windows of the 2<sup>nd</sup> generation (ECWin2.0)

**Research project:** synthesis of electrochrome active metallo-complexes and the material-specific optimization for application

The research project deals with the synthesis and characterization of metallo-polymers based on terpyridines and related ligands as compounds for electrochromic devices and is part of the joint research project *Smart Windows of the 2<sup>nd</sup> Generation* in cooperation with the Fraunhofer ISC (Würzburg, Bavaria) and subject-related partners from industry and science.

Requirement for the employment is an excellent PhD degree in chemistry or a related subject. The applicant should have a solid background in organic synthesis and coordination chemistry. Familiarity with the common spectroscopic techniques such as NMR, IR, UV-Vis and Raman as well as with electrochemical methods is desired. As a postdoc, you will be responsible for the synthesis and analysis of the electrochromic material in a proactive manner and you will scientifically support the project partners. We expect high motivation for your work, interest in multidisciplinary research and very good skills in communication and presentation.

Applicants should send a cover letter, CV, and two letters of recommendation to

**Prof. Dr. Dirk G. Kurth Julius-Maximilians-University  
Würzburg Lehrstuhl für Chemische Technologie der  
Materialsynthese  
(Department of Advanced Materials)  
Röntgenring 11  
97070 Würzburg  
Bavaria Germany**

The opening date is 01.09.14. We offer a contract for two years. The monthly gross salary depends on experience and qualifications according to TV-L E13 for government employees.