



Fakultät für Physik at Universität Karlsruhe (TH) invites applications for the position of a

Professor (W3) of Applied Physics
(replacement of Prof. C. Klingshirn (C4))

The position at the Institute of Applied Physics is available within the interdisciplinary Center for Functional Nanostructures (CFN) supported by Deutsche Forschungsgemeinschaft (DFG), the State of Baden-Württemberg, and the German Excellence Initiative. The CFN comprises some 70 sub-projects headed by researchers of the Karlsruhe Institute of Technology (KIT), composed of Universität Karlsruhe (TH) and Forschungszentrum Karlsruhe. The research focus of the successful candidate should be in the field of **Biophotonics**. Broadly speaking, Biophotonics is concerned with the interaction of light and biological systems. This includes but is not limited to, advanced optical microscopy, spectroscopy, and sensing of biological systems as well as their manipulation via advanced optical tweezers and/or optical nano-surgery.

It is expected that the candidate contributes to the CFN by complementing existing activities. Further possibilities for collaboration exist within the newly founded interdisciplinary Karlsruhe School of Optics & Photonic (KSOP).

The teaching duties include lecture courses in physics for students of physics and also of other natural sciences and engineering disciplines.

Universität Karlsruhe (TH) is determined to increase the number of female faculty members. Therefore, applications of qualified women are strongly encouraged. In addition, Universität Karlsruhe (TH) is an equal-opportunity employer and in case of candidates with equal qualifications and aptitude, preference will be given to handicapped applicants.

In case of a first-time appointment as a professor, the initial contract will be of limited duration. Exceptions are possible.

Applications with standard documentations, including a list of teaching and research experience as well as five selected reprints of own publications, should be sent by **March 28th 2008** to: **Dekan der Fakultät für Physik, Universität Karlsruhe (TH), D-76128 Karlsruhe, Germany.**