Within the Marie Curie Research and Training Network (RTN) on Multifunctional Carbon Nanotubes for Biomedical Applications (CARBIO) which exploits the potential of carbon nanotubes as magnetic nano-heaters, drug-carrier systems and sensors (e.g. thermometers, contrast agents) on the cellular level 2 three-years PhD student positions and 1 Postdoctoral position are offered at the Leibniz Institute of Solid State and Materials Research (IFW Dresden, Germany):

- **Magnetisation of carbon coated nanomagnets and their biomedical application (PhD).**
  For students of physics, nanotechnology or materials sciences.

- **Non-invasive temperature control at the cellular level: NMR Studies (PhD)**
  A background in NMR is of advantage.

- **Magnetism of nanomagnets (PostDoc)**

  Applicants should be Europeans (but not Germans).

We are looking for motivated applicants with good communication skills and the ability to collaborate with people from other disciplines in an international environment.

Project details, starting dates of the positions as well as application and eligibility criteria are available on [http://www.carbio.eu](http://www.carbio.eu). Applications are to be sent by **January 31, 2007** to the CARBIO co-ordinator Dr. R. Klingeler (carbio@ifw-dresden.de).