



---

## **Prof. Dr. Kornelius Nielsch**

Leibniz Institute of Solid State and Materials Research,  
Dresden, Germany

---

Since 2015 Director, IFW; Full Professor for Metallic Materials and Metal Physics,  
Technische Universität Dresden (TUD), Germany

2009 – 2015 Coordinator of the German Priority Program on Thermoelectric  
Nanostructures

2007 – 2015 Associate Professor for Experimental Physics, University of Hamburg

2007 Habilitation: “Multifunctional (Magnetic) Nanowires and -tubes based on  
Nanoscale Honeycombe Structures”, University of Bielefeld, Germany

2003 – 2007 Project Leader of the BMBF Nanotechnology Research Group:  
“Multifunctional Nanowires and Nanotubes” at the Max Planck Institute for  
Microstructure Physics, Halle, Germany

2002 – 2003 Postdoctoral Associate at the Massachusetts Institute of Technology,  
Cambridge, U.S.A.

1997 – 2002 PhD: “Highly ordered ferromagnetic nanowire arrays: Electrochemical  
synthesis and magnetic characterization” (with highest honors), with Prof. Ulrich  
Gösele at the Max Planck Institute for Microstructure Physics, Halle, Germany

1997 Diploma: “Fabrication of semiconductor nanoparticles in the gas phase and its  
physical characterisation”, Lund University, Sweden

1993 – 1997 Study of Physics at the Gerhard-Mercator-University, Duisburg, Germany