



**Principal Office**

Technische Universität Dresden  
Institute of Applied Physics  
Helmholtzstrasse 10  
D-01062 Dresden  
Germany  
Phone: (+)49 - 35 14 63 34 389  
Fax: (+)49 - 35 14 63 37 065  
Web: [www.tu-dresden.de](http://www.tu-dresden.de)

**Contact Person**

Ass.-Prof. Dr. Günter ZSCHORNACK  
University Teacher  
Phone: (+)49 - 35 12 60 22 12  
Fax: (+)49 - 35 12 60 35 82  
E-Mail: [g.zschornack@fzd.de](mailto:g.zschornack@fzd.de)

The Institute of Applied Physics focuses on the following fields of research:

- development of sources of highly charged ions and their applications in research and industry
- development and applications of complete ion beam lines, ion acceleration and deceleration structures, focussed beams of highly charged ions
- atomic, plasma and solid state physics with highly charged ions
- ion beam physics
- investigations on semiconductor materials for optoelectronic and other applications
- optical characterization of semiconducting materials and ultra-short-time spectroscopy
- investigations on thin polymer films, on thin ferroelectric layers and crystals as well as on metallic layers and clusters
- basic investigations in the field of semiconductor physics