



Prof. Dr. Marius Grundmann  
**Felix-Bloch-Institut für  
Festkörperphysik**  
Direktor

Datum: 15. Februar 2018

## Open PhD Position

### **Amorphous Field Effect Transistors for Investigation of Living Cells**

We look for a PhD candidate for work on adapting our technology of field effect transistors from amorphous semiconductor thin films on glass to the investigation of living cells and their liquid environment. For our previous work on amorphous oxide devices, see e.g. <http://dx.doi.org/10.1021/acscobmsci.5b00179>

The candidate should have ideally a strong background in at least one of the fields of semiconductor physics, thin film deposition, electronic device layout, processing and characterization.

A diploma or master (in exceptional cases a bachelor) degree in physics or a related field is required for PhD work.

Job start is envisioned for 06/2018.

PhD: 3 years, salary: 50% TVL E13

Please apply via  
[grundmann@physik.uni-leipzig.de](mailto:grundmann@physik.uni-leipzig.de)  
with your cv and related documents such as  
copies of degrees and your publication list.

For inquiries please call +49 341 9732650.

Prof. Dr. M. Grundmann

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