Open Postdoc Position

**Semiconductor Physics and Devices**

We are looking for a postdoc researcher (f/m/d) with interest in experimental work on the physics and applications of widegap epitaxial or amorphous semiconductors. Possible directions are growth and analysis of pseudomorphic oxide heterostructures (e.g. based on Ga₂O₃ or MgO/NiO/TiN), doping of (p-type) copper iodide, optical properties (photoluminescence, Raman, ellipsometry), or devices such as photodetectors or thin film transistors. Or surprise us with your own idea!

We are an active group in the fields of wide-gap, mostly oxide semiconductors for photonic and electronic applications, spanning from fundamental investigations to device functionalities. For examples of our current work, see http://home.uni-leipzig.de/grundm/publ.php.

The candidate should have ideally a strong background in at least one of the following fields: semiconductor physics, thin film deposition, optical characterization, electronic devices, circuit design, device processing or characterization.

A diploma or master degree in physics or a related scientific or technological field is required for this position.

Job offer is for Aug. 01 2019 - Dec. 31 2020, salary: TVL-E13 100%, extendable.

Please apply via grundmann@physik.uni-leipzig.de with your cv and related documents such as copies of degrees and your publication list. For further inquiries please call +49 341 9732650.

Prof. Dr. M. Grundmann