

Technische Universität Chemnitz · 09107 Chemnitz

Bearbeiter: Prof. Dr. Olav Hellwig

Büro: Physikgebäude, P177
Telefon: +49 371 531-30521
E-Mail: olav.hellwig@physik.tu-chemnitz.de
Internet: www.tu-chemnitz.de

Helmholtz-Zentrum Dresden-Rossendorf · 01328 Dresden

Büro: Geb. 707, Raum 213A
Telefon: +49 351 260-2461
E-Mail: o.hellwig@hzdr.de
Internet: www.hzdr.de

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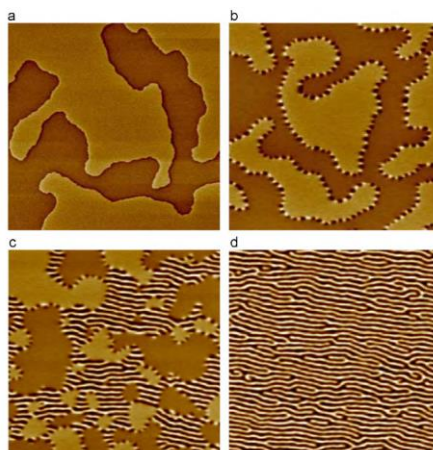
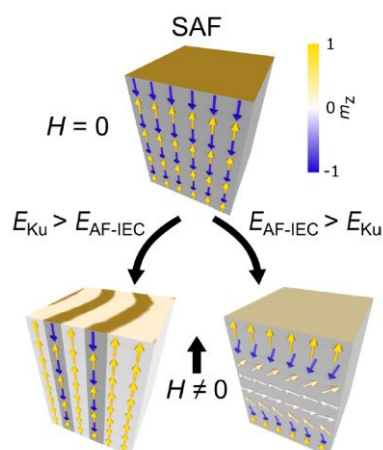
PhD positions in the Hellwig groups at Chemnitz University of Technology (TUC) and Helmholtz Zentrum Dresden-Rossendorf (HZDR)

PhD positions will be available from now on, based on a half year probation time. If probation is passed then the employment contract is limited to three years. The regular weekly working time and salary will be 75% of the normal collectively agreed work hours under TVöD. The place of work may be either Chemnitz or Dresden-Rossendorf.

Requirements are an excellent diploma or master's degree in physics, materials science or a related areas, willingness to travel to other research locations (synchrotron facilities and other collaborators) and international conferences, good written and spoken English skills, commitment and discipline to write a doctoral thesis within 3 years. Pre-knowledge in magnetism or thin film physics is strongly desired, but not necessary.

The projects aim at achieving strong nanoscale control of magnetic properties of perpendicular anisotropy multilayer systems with and without antiferromagnetic interlayer exchange coupling. The successful applicant will investigate the interplay between structural and magnetic modifications and apply this knowledge to create novel magnetic infrastructures and systems relevant to future data processing, storage and logic applications. Related talks here at the MMM conference in Las Vegas are BH-01, CG-07 and CG-13 from the Hellwig group as well as the symposium EA, which will be chaired by Prof. Hellwig.

Please contact Prof. Dr. Olav Hellwig at one of the Email addresses above for a potential 30 min interview right here at the MMM conference on Thursday between 1:30 PM and 5:30 PM.



O. Hellwig

(Olav Hellwig)

