

Max Planck Institut for Solid State Research, Stuttgart, Germany

## Open Postdoctoral Position in the Max Planck Research Group “Theory of Semiconductor Nanostructures”

An opportunity currently exists for a postdoctoral position at the Max-Planck-Institut for Solid State Research in Stuttgart in the Max Planck Research Group group *Theory of Semiconductor Nanostructures*. The group is addressing a variety of problems related to electronic and optical properties of nanostructures (see <http://www.fkf.mpg.de/bester>). Our current aim is to investigate the possibility to use Green’s function methodologies, in particular QSGW, for the generation of effective pseudopotentials.

We are targeting at candidates with a solid knowledge in solid state semiconductor physics and a background in any flavour of GW. Some experience with code development will be necessary.

The position will be initially for 1 year renewable up to 3 years. The selection process will start now and continue until the position is filled.

Interested candidates should send an application letter, CV, list of publications and reference contacts, preferably by email, to:

Dr. Gabriel Bester

Max Planck Institute for Solid State Research

Heisenbergstr. 1

D-70569 Stuttgart

e-mail: [G.Bester@fkf.mpg.de](mailto:G.Bester@fkf.mpg.de) with subject: post-doc application

www: <http://www.fkf.mpg.de/bester>

The Max Planck Society is committed to employing more handicapped individuals and especially encourages them to apply. The Max Planck Society seeks to increase the number of women in those areas, where they are underrepresented and therefore explicitly encourages women to apply.