

Postdoc position (Theory):

Electronic structure of hybrid 2D-materials based heterosystems and theoretical spectroscopy

People within the first 5 years after PhD defence are strongly encouraged to apply for a Postdoc position in the area of 2D materials which is open in our group "2D Systems @ SHU" (www.shu2d.com). This group is lead by two PIs, Shanghai 1000 Talent winners, Prof. Elena Voloshina (theory) and Prof. Yuriy Dedkov (experiment). This position is intended to be filled by highly motivated person who will lead the research in the described field in our group, supervise MSc and PhD students, and apply for external funding. There is a close collaboration with colleagues from our group who are performing experiments in the area of 2D materials.

Requirements:

- very good knowledge of English (communication and writing)
- background: Physics, Materials Science, or Chemistry
- experience in simulation techniques (MD, DFT) for the calculation of physical properties of solids
- very good Linux and programming skills

Further info about our group, research directions, and research methods can be found on the web-page: www.shu2d.com.

Starting date: any time

Salary and benefits: after discussion and negotiation

Please contact us for further details discussion via e-mail:

voloshina@shu.edu.cn (Prof. Elena Voloshina) or dedkov@shu.edu.cn (Prof. Yuriy Dedkov).