

Postdoc position (Experiment):

Synthesis and electronic structure of hybrid 2D-materials based heterosystems

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. Yuriy Dedkov (experiment) and Prof. Elena Voloshina (theory). This position is intended to be filled by highly motivated person who will lead the experimental 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 theoretical calculations/simulations in the area of 2D materials.

Requirements:

- very good knowledge of English (communication and writing)
- background: Physics, Materials Science, or Chemistry
- solid experience in operation of complicated scientific equipment
- experience in working with UHV and low-temperature
- experience in surface science techniques

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:

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