Postdoctoral Research Fellow Position in LT-STM

A postdoc position is available at the Surface and Interface Lab (Dr. CHEN WEI’s group), National University of Singapore. Prof. Chen Wei’s group is looking for one high-caliber Research Fellow with expertise/interest in the following areas: surface science and nano-science, 2D material research, and organic/molecular single crystal.

The selected candidate will work together with a team comprising experts in materials development, device fabrication and characterization, and surface reaction mechanism study using home-made interface characterization tools.

Requirement:
Candidates with experience/expertise in one or more of the following experimental techniques are preferred:

1. Low-temperature scanning tunneling microscopy/spectroscopy (LT-STM/STS), especially strong experimental skills in liquid helium cooled LT-STM system (4K), STS measurement of 2D materials, topological materials, superconducting materials.

2. Ultra-high vacuum (UHV) systems

3. 2D material/organic single crystal growth by molecular beam epitaxy (MBE) and or chemical vapour deposition (CVD)

Recruitment package:
2 years initial contract;
Salary: 50,000 S$-70,000 S$/year subject to the candidate experience + medial insurance + performance bonus

Position is available from April 2018 onwards

Interested candidate please send your detailed CV to Dr. Chen Wei (chmcw@nus.edu.sg)

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