

3 Research Positions on Thermal Transport in Nanoscale Structures @ National University of Singapore

Three (3) Research Positions are available immediately in the joint-group of Prof. Li Baowen, Department of Physics, and Prof. John T L Thong, Department of Electronic and Computer Engineering, National University of Singapore.

Position 1 (Experiment): Research Fellow

Candidates with a Ph. D in Physics, Material Science, Electrical Engineering, or Mechanical Engineering are strongly encouraged to apply. The successful candidate will work with both theoretical and experimental members on studying the thermal properties of semiconductor-metal interfaces. The salary is very competitive. The position is for one year in the first instances and can be extended up to three years or even longer depending on the candidate's performance.

Position 2 (Experiment): PhD Student

This comes with a Ph.D scholarship (tuition & stipend) for **four** years. The candidate will work on experimental characterization of the thermal transport in nanoscale structures. **Scholarship stipend: S\$(2000-3000)*month**. Candidates with a background in any of the following fields: Physics, Material Science, Electrical Engineering, Mechanical Engineering, Thermal Engineering, are strongly encouraged to apply.

Position 3 (Theory and Computational Simulation): PhD student

This comes with a Ph. D scholarship (tuition & stipend) for **four** years. The candidate will work on theoretical study of thermal transport in nanostructures. Candidates with a background in Physics and Mathematics are strongly encouraged to apply. **Scholarship: S\$(2000-3000)*month**.

*S\$2500 Singapore Citizen, S\$2,200 Singapore PR, S\$2,000 International student. S\$500 additional after passing PhD qualifying examinations.

Interested candidates are required to send CV, publication list, contact information of at least three references to:

**Prof Baowen Li: Email: phylibw@nus.edu.sg
Prof. John T. L Thong: Email: john_thong@nus.edu.sg**

Only shortlisted candidates will be notified.