

Open Position : **Research Scientist (Full-Time)**

SERIS Department : Solar and Energy Efficient Building

Essential Requirements:

- Postgraduate degree in science or engineering
- Analytical skills data acquisition and modelling
- Ability to work in an interdisciplinary R&D-oriented environment
- Organisational skills to integrate routines and ensure standards compliance

Desirable Requirements:

- Postgraduate degree in Photonics
- Knowledge of simulation software such as Radiance or EnergyPlus
- Fundamental knowledge of total solar transmission through building envelopes
- Research publication and grant application writing

SERIS is supporting the application and development of advanced building materials and components to increase energy efficiency in the building sector. Part of our activity is measuring of such materials and components in world-class laboratories and the integration of new data models into planning and simulation software.

Job Scope :

- To conduct and oversee optical and thermal measurements
- Develop data models for integration into simulation software
- To enforce compliance with international standards and quality control
- To set up and maintain a service-oriented work-flow
- To support development of further laboratories
- To prepare reports and scientific publications

Application Deadline: 31 January 2010

Interested candidates should send their CV, references and letter of recommendation to:

Contact: Ms Janhawi Nikhil Mhapankar
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We regret only shortlisted candidates will be notified.

SERIS at National University of Singapore offers a stimulating environment in which we believe you can develop professionally and make valuable contributions. For more info on SERIS, please visit www.seris.sg