

Date Posted

Dec. 11, 2014

Job Title

Postdoctoral Researcher in Photonics/Optics

Department

Engineering Product Development Department

Institution

Singapore University of Technology and Design
Singapore, Singapore
Singapore

Application Deadline

Open Until Filled

Position Start Date

Open Until Filled

Website For Job

<http://photonics.sutd.edu.sg/>






Job Categories



Post-Doc

Academic Fields

Optics & Optical Engineering
Material/Metallurgy
Engineering Physics
Electrical and/or Electronics

Apply for this Job »

 SAVE AS PDF
 EMAIL ME THIS
 SAVE FOR LATER
 PRINTABLE VERSION
 TELL A FRIEND

 SIMILAR JOBS
 JOBS IN: SINGAPORE
 OTHER JOBS AT: SINGAPORE
UNIVERSITY OF
TECHNOLOGY
AND DESIGN

 SUBSCRIBE TO JOBS

Share

The Postdoctoral Scholar will be responsible for designing, fabricating and characterizing nanophotonic circuits and devices, for use in applications such as optical communications and sensing.

Qualified candidates should have experience in some or all of the following:

Clean room fabrication and metrology (Ebeam lithography, thin film deposition, etching, SEM, AFM, etc.);
Characterization of photonic structures;
Semiconductor materials and optical physics;
Finite differences and finite element modeling;
Strong programming skills (Matlab, etc.); and,
Good interpersonal skills.

The selected candidate must be a self-starter, who is able to work independently and in a team environment.

A Bachelor's/Master's/Ph.D. in Electrical Engineering, Optics or a related field is required.

If interested, please send an updated CV and the names of at least two references to Prof. Tan.

*Please reference **AcademicKeys.com** in your cover letter when applying for or inquiring about this job announcement.*

Contact Information**Contact**

Prof. Dawn Tan
Engineering Product Development Department
Singapore University of Technology and Design
Singapore, Singapore
Singapore

Email:

dawn_tan@sutd.edu.sg

Apply for this Job »