



The Hetero-Genesys Laboratory  
Department of Engineering  
University of Cambridge

Fully funded PhD studentships are available at The Hetero-Genesys Laboratory, University of Cambridge, as part of an interdisciplinary collaboration between the University of Cambridge and the Collaborative Research in Engineering, Science & Technology, Malaysia. The successful candidate will work with Professor Arokia Nathan, Chair of Photonic Systems and Displays. The research seeks to develop new technologies for wearable devices as front-end devices for the Internet of Things.

The Hetero-Genesys Laboratory is a multi-disciplinary thriving research environment whose primary focus is on the heterogeneous integration of materials and processes, sensors, energy harvesting and storage devices including wireless power, thin film signal processing electronics and RF wireless communications pertinent to large area nanosystems. It is currently located in the new Annexe of Electrical Engineering on JJ Thomson Avenue.

Highly-motivated PhD or Master students who satisfy the university eligibility criteria (<https://www.admin.cam.ac.uk/students/gradadmissions/prospec/studying/entryreq/>) are encouraged to apply. We welcome students who have research experience or strong research interests in the following areas:

1. Biosensors
2. Device Fabrication
3. Wireless Power Transfer and Energy Storage Devices
4. Analogue Circuit Design and Low Frequency RF Communication Circuits
5. Device Physics and Compact Modelling of Thin Film Transistors

Interested students may wish to submit their CVs as soon as possible to Tara Thorneycroft [tejt2@cam.ac.uk](mailto:tejt2@cam.ac.uk) prior to the formal application to gauge suitability and/or discuss areas of interest. The admission date for this opportunity is October 2016.

For general information on the application procedure and other official requirements, please visit <http://www.admin.cam.ac.uk/students/gradadmissions/prospec/apply/index.html>