

The UTM Centre for Low Carbon Transport in cooperation with Imperial College London (LoCARtic) was launched in London on 22 January 2014. LoCARtic is a collaborative venture between UTM and Imperial College London to promote and intensify advanced research in the field of low carbon transport technologies. This will directly contribute to the advancement of Malaysia's intellectual content and knowledge base. The centre aims to spur innovations and provide skill trainings in the field of low carbon technologies with particular application to road transport. Although the transport sector is a vital element of modern economies, it is a major source of greenhouse gas (GHG) emissions. This makes the UTM centre with Imperial an important platform for future advancement in science and innovative technologies. In 2017 LoCARtic will expand to the Pagoh Higher Education Hub. High-end research facilities will be set up at the Pagoh Higher Education Hub under LoCARtic, focusing on energy recovery and reducing transport carbon footprint. LoCARtic@Pagoh will be a satellite research laboratory for UTM and Imperial College London, creating 360° capabilities for advancing research for low carbon transport.

We are thus looking for dynamic individuals to join our team as senior lecturers. Interested candidates should fulfill the following requirements:

- a. Hold a PhD in areas related to energy recovery, engine control, turbocharging/supercharging, advanced engine experimentations, aerothermodynamics of turbomachines, Thermoelectrics, Organic Rankine Cycles, hybrid powertrains, energy storage, super critical CO<sub>2</sub> cycles or computational modeling. Candidates with PhD in other areas relevant to LoCARtic's research activities are also welcome to apply.
- b. A minimum 2 years post-doc or industrial experience.
- c. Proven publication record in high impact journals.
- d. Good verbal and written English communication skills.

Aspiring candidates are welcome to visit our webpage at [www.utm.my/locartic](http://www.utm.my/locartic) for more information on our activities.