**International Symposium and Workshop on Nanoscience/Nanotechnology**

CARISCIENCE

**July 15 – 17, 2014**

**University of the West Indies, St. Augustine Campus, Trinidad**

The academic community is invited to the **“International Symposium and Workshop on Nanoscience/Nanotechnology” to be hosted at the University of the West Indies from July 15 – 17, 2014.** This International Symposium focussed at the frontier areas of science and technology is the first of its kind in the English-speaking Caribbean and is organized jointly by **CARISCIENCE, The University of the West Indies and The University of Trinidad and Tobago** and will explore various topics under the following themes:

* **Nanotechnology for Sustainable Energy and Industrial Applications**
* **Nanotechnology for Electronic Device and Sensor Applications**
* **Nanotechnology in Biology, Medicine and Pharmaceuticals**
* **Nanoscale Synthesis, Nanofabrication, Characterization and Simulation**

We have an impressive line up of leading, globally recognized experts and policy makers from world-class institutes in the United States, Canada, United Kingdom, Germany, Japan, India and the Caribbean. As you will see in our programme outline below, the caliber of participating scientists is world-class and includes **Professor Anthony K. Cheetham FRS** (University of Cambridge and The Royal Society), **Professor Fidel Castro Díaz-Balart** (Scientific Advisor to the President of the Republic of Cuba and Vice President of The Academy of Science, Cuba), **Professor Masami Okamoto (**Toyota Technology Institute, Japan), **Professor Chris Backhouse** (former Director of the Waterloo Institute of Nanotechnology, University of Waterloo, Canada), amongst others. Each of our outstanding colleagues will deliver lectures and lead discussions related to the latest/future developments and important global problems currently being addressed from the perspective of the cutting edges of their respective fields. Accordingly, the symposium attempts to fulfil its main aim of providing a stronger focus on the impact and implications of developments in nanoscience/nanotechnology for stakeholders within the Caribbean region including researchers, academics, university students, government and policy makers, industry partners and the wider public.

In addition to scientific lectures, there will be a **Public Lecture** to be delivered by world-renowned scientist, **Professor Anthony K. Cheetham FRS, University of Cambridge, Vice President and Treasurer of The Royal Society**. Further, an important feature of this initiative is a five practical workshop for high school students exploring various aspects in nanoscience/nanotechnology. There will also be a small **Poster Session** to highlight some of the research work in these fields done in Trinidad.

Academic communities are invited to support this ground-breaking symposium on frontier areas of science and technology and especially recommend that our graduate student community attend and utilise this unique opportunity to engage these leading scientists. In addition to attending lectures, we also invite our scientists to participate in the **Poster Session**; this is opened to graduate students as well and please indicate by email for submission of posters.