**On Discrete Quantum Mechanics**

by **Professor Chang Lay Nam**

**About the Talk**
The possibility of defining a quantum system over Galois fields will be discussed.

**About the Speaker**
Professor Chang is the Dean of the College of Science at Virginia Tech. He has been a visiting scientist or visiting instructor at institutions of higher education in Denmark, British Columbia, Singapore, and the United States. Professor Chang has also written extensively for refereed journals and has published numerous reports on his work.

---

**The CMS Experiment at the LHC: Recent Results and Future Prospects**

by **Professor Albert De Roeck**

**About the Talk**
New results from the Large Hadron Collider in Geneva, Switzerland, will be presented. After a brief overview of the CMS experiment and its current status, highlights of current physics results will be presented, including results from Higgs and New Physics searches. Prospects for future physics results will also be briefly discussed.

**About the Speaker**
Professor De Roeck is the CMS Higgs group co-convener as well as the CMS Deputy Spokesperson. He is now one of the leaders of the physics program and preparation for physics analysis at the CMS experiment at the LHC.

---

**Date:** 2 July 2012  
**Time:** 10:30am  
**Venue:** NEC Breakout Room 16, Level 4

**Admission is free.**
Please register online at http://www.ntu.edu.sg/ias/ptreg  
For enquiries, please email iasevents@ntu.edu.sg