

# **The 1st Bangladesh-CERN School on Particle Physics**

**Monday, December 15, 2014 - Thursday, December 18, 2014**

**University of Dhaka**

## **Scientific Program**

## **1st Bangladesh-CERN School on Particle Physics**

### **Programme**

Welcome Addresses

Introduction to the Standard Model

Introduction to CERN

The Tools of Particle Physics - Detectors, Accelerators, Computing

Higgs & Electroweak Physics

CP and Flavour Physics

Strong Interaction Physics and Heavy-ion Interactions

Beyond the Standard Model

*The lecture courses will be complemented by Discussion Sessions.*