

# **5th School on LHC Physics - 2016**

**Monday, 15 August 2016 - Friday, 26 August 2016**

## **Scientific Programme**

**V-A theory**

**Gauge Theories and Gauge Symmetries**

**Symmetry Breaking and Higgs Mechanism**

**Standard Model of Particle Physics**

**Electromagnetic and weak interactions**

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**Introduction to Large Hadron Collider (LHC) and  
Compact Muon Solenoid (CMS) Experiment**