

## **Session Program**

**20-30 Jul 2015**



**Summer School "Theory Challenges for LHC Physics"**  
**Workshop "Calculations for Modern and Future Colliders"**

## **Theory challenges for LHC physics**

### ***Student talks***

Joint Institute for Nuclear Research, Bogoliubov Laboratory of Theoretical Physics  
Russia, Dubna, Joliot-Curie 6

## Monday 20 July

16:20

### Student talks

**Session** | **Location:** BLTP JINR, Conference Hall

16:20–16:40

#### Constraints on Seesaw Models and Signatures at the LHC

**Speaker**

Subrata Khan

16:40–17:00

#### Neutralino Dark Matter and Other LHC Predictions from Quasi Yukawa Unification

**Speaker**

Mr Sukru Hanif Tanyildizi

17:00–17:20

#### New Physics signals in Vector quark models

**Speaker**

Mr DINESH KUMAR

18:00

## Wednesday 22 July

16:20

### Student talks: Student talks

**Session** | **Location:** BLTP JINR, Conference Hall

16:20–16:40

#### **The Nielsen Identities - a useful tool for showing gauge invariance**

**Speaker**

Ms Anne Ernst

16:40–17:00

#### **Mass bounds in 2HDMs in the SM-like limit.**

**Speaker**

Ms Ambalika Biswas

17:00–17:20

#### **Some aspects of the NMSSM Higgs sector at the LHC**

**Speaker**

Mr Jacky Kumar

17:20–17:40

#### **Two-particle disintegration processes in covariant approach**

**Speaker**

Mr Philip Kuznietsov

18:00