

## Session Program

8-12 Apr 2019



# XXVII International Workshop on Deep Inelastic Scattering and Related Subjects

## *WG5: Physics with Heavy Flavours*

Turin  
Aula Magna della Cavallerizza Reale, University of Turin

# Tuesday 9 April

08:30

## WG5: Physics with Heavy Flavours: Top production

Session | Location: Rettorato - Sala Athenaeum, Via Verdi, 8 Turin

08:30–09:05 **Theory: top production at the LHC**

**Speaker**  
Rene Poncelet

09:05–09:40 **Top pairs at the LHC**

**Speaker**  
Sergio Grancagnolo

09:40–10:15 **Rare top production ttW, ttZ, ttgamma, tttt at the LHC**

**Speaker**  
Joscha Knolle

10:15

10:45

## WG5: Physics with Heavy Flavours: Top properties

Session | Location: Rettorato - Sala Athenaeum, Via Verdi, 8 Turin

10:45–11:20 **Theory: Top properties at the LHC**

**Speakers**  
Markus Schulze, Markus Schulze, Markus Schulze

11:20–11:55 **Top properties at the LHC**

**Speaker**  
Baptiste Ravina

11:55–12:30 **Single top production at the LHC**

**Speaker**  
Achim Geiser

12:30

14:00

## WG5: Physics with Heavy Flavours: Onia 1 DIS Beauty

Session | Location: Rettorato - Sala Athenaeum, Via Verdi, 8 Turin

14:00–14:35 **Measurement of beauty production from dimuon events at HERA**

**Speaker**  
Achim Geiser

14:35–15:10 **Heavy flavour spectroscopy and exotic states at the LHC**

**Speaker**  
Roberta Cardinale

15:10–15:45 **Spectroscopy of conventional hadrons at e+e- machines**

**Speaker**  
Kiyoshi Tanida

15:45

16:15

## WG5: Physics with Heavy Flavours: Onia 2

**Session** | **Location:** Rettorato - Sala Athenaeum, Via Verdi, 8 Turin

16:15-16:50

### Results from Charm baryon spectroscopy at LHCb, Belle and BESIII

**Speaker**

Roberta Cardinale

16:50-17:25

### Results of the XYZ states from experiments

**Speaker**

Liang Yan

17:25-18:00

### Quarkonium studies at Belle II

**Speakers**

Yuji Kato, Yuji Kato

18:00

## Wednesday 10 April

08:30

### WG5: Physics with Heavy Flavours: Production

**Session** | **Location:** Rettorato - Sala Athenaeum, Via Verdi, 8 Turin

08:30–09:05 **Heavy flavor/quarkonium production at the LHC**

**Speaker**

Dr Hee Sok Chung

09:05–09:40 **Heavy-flavour hadron production at LHCb**

**Speaker**

Dr Hans Dembinski

09:40–10:15 **Production of quarkonia and heavy flavour states in ATLAS**

**Speaker**

Paolo Iengo

10:15

10:45

### WG5: Physics with Heavy Flavours: Production/baryons

**Session** | **Location:** Rettorato - Sala Athenaeum, Via Verdi, 8 Turin

10:45–11:20

**Radiative leptonic decay  $B \rightarrow \gamma \ell \ell \nu_{\ell}$  with subleading power corrections**

**Speaker**

Yao Ji

11:20–11:55 **Heavy-flavor hadron production in heavy-ion collisions**

**Speaker**

Petr Chaloupka

11:55–12:30 **Quarkonium results in heavy-ion collisions**

**Speaker**

Roberta Araldi

12:30

## Thursday 11 April

08:30

### WG5: Physics with Heavy Flavours: Theory

**Session** | **Location:** Rettorato - Sala Athenaeum, Via Verdi, 8 Turin

08:55–09:20 **Direct determination of top quark width with  $b\bar{b}4l$**

**Speaker**

Tomas Jezo

09:20–09:45

**Enhanced production of  $\Lambda_c$  in proton-proton collisions at the LHC**

**Speaker**

Rafal Maciula

09:45–10:10

**Constraining gluon PDFs and TMDs with quarkonium production**

**Speaker**

Melih Arslan Ozcelik

10:15

10:45

### WG5: Physics with Heavy Flavours

**Session** | **Location:** Rettorato - Sala Athenaeum, Via Verdi, 8 Turin

10:45–11:10 **Hadroproduction of open heavy flavour for PDF analyses**

**Speaker**

Hannu Paukkunen

11:10–11:35

**Explaining the Flavour Anomalies with Leptoquarks**

**Speaker**

Francesco Saturnino

12:30