

Session Program

Aug 22 - 26, 2016

QCD@LHC 2016

Heavy quarks

Zurich, RAI-G-041
Rämistrasse 74 8001 Zürich

Mon, August 22

2:30 PM

Heavy quarks

Session | **Location:** Zurich, SOE-E-2 | **Conveners:** Carlos Lourenco, David Heymes, Ivan BELYAEV

14:30 - 14:55

Top quark mass determination from the energy peaks of b-jets and B-hadrons at NLO QCD

Speaker

Roberto Franceschini

14:55 - 15:20

Single top quark production cross section and properties with ATLAS

Speaker

Soren Stamm

15:20 - 15:45

Single top quark production with CMS

Speaker

Matthias Komm

15:45 - 16:05

The Matrix Element Method at next-to-leading order QCD for single top-quark production at the LHC

Speaker

Till Martini

16:05 - 16:30

break

16:30 - 16:50

Top quark pair production in association with a jet with NLO QCD off-shell effects

Speaker

Heribertus Bayu Hartanto

16:50 - 17:15

Top quark pair production cross section measurements with CMS

Speaker

Georgios Krintiras

17:15 - 17:40

Top quark pair production and properties with ATLAS

Speaker

Ki Lie

17:40 - 18:00

NLO EW corrections to off-shell top quark pair production

Speaker

Mathieu Pellen

6:10 PM

Tue, August 23

2:30 PM

Heavy quarks: Heavy quarks

Session | **Location:** Zurich, SOE-E-2 | **Conveners:** Carlos Lourenco, David Heymes, Ivan BELYAEV

14:30 - 14:55 **LHCb results on associated production of heavy hadrons**

Speaker

Ivan BELYAEV

14:55 - 15:20

Measurements of heavy flavour production directly or in association with W and Z bosons with ATLAS

Speakers

Gabriele Chiodini, Gabriele Chiodini

15:20 - 15:45

Transverse-momentum resummation for heavy-quark production at hadron colliders

Speaker

Hayk Sargsyan

15:45 - 16:10

Recent NNLO results on heavy flavor corrections to DIS

Speaker

Prof. Johannes Bluemlein

16:10 - 16:40

Break

16:40 - 17:05

LHCb results on baryonic B decays

Speaker

Christian Voss

17:05 - 17:30

LHCb results on heavy quark spectroscopy

Speaker

Daniel Charles Craik

17:30 - 17:55

LHCb results on exotic spectroscopy

Speaker

Giovanni Cavallero

6:25 PM

Thu, August 25

11:35 AM

Heavy quarks

Session | **Location:** SOE-E-2

11:35 - 11:55 **Open charm production in pPb and PbPb collisions with CMS**

Speaker

Gian Michele Innocenti

11:55 - 12:15 **LHCb results and perspectives on heavy-ion physics**

Speaker

Burkhard Schmidt

12:15 - 12:35

Charmonium and bottomonium suppression in PbPb collisions with CMS

Speaker

Emilien Chapon

12:35 - 13:00

Open heavy-flavour production in pp, p-Pb and Pb-Pb collisions with ALICE

Speaker

Cristiane Jahnke

1:00 PM

2:30 PM

Heavy quarks: Heavy quarks

Session | **Location:** Zurich, SOE-E-2 | **Conveners:** Ivan BELYAEV, David Heymes, Carlos Lourenco

14:30 - 14:55 **Quarkonium and heavy flavour production at ATLAS**

Speaker

Roger Jones

14:55 - 15:20 **Quarkonium cross sections in pp collisions with CMS**

Speaker

Ilse Kratschmer

15:20 - 15:45 **Quarkonium polarization in pp collisions with CMS**

Speaker

Joao Seixas

15:45 - 16:10

A data-driven interpretation of heavy quarkonium measurements at the LHC

Speaker

Pietro Faccioli

16:10 - 16:40 **Break**

16:40 - 17:05 **Heavy quarkonium physics case for AFTER**

Speaker

Huasheng Shao

17:05 - 17:30

Quarkonium production as a probe of double parton scattering at ATLAS

Speaker

David Edwin Bertsche

17:30 - 17:55

LHCb results on b-hadron production and properties

Speaker

Matthew David Needham

6:25 PM