

Session Program

28-31 Jan 2020

**International Workshop on Precision QCD @
LHC**

Morning Session

Hyderabad

Tuesday 28 January

10:30

Morning Session: Talk 1

Session | **Location:** Hyderabad

10:30–11:00 **QCD measurements at the LHC**

Speaker

Kajari Mazumdar

11:00

11:30

Morning Session: Talk 2

Session | **Location:** Hyderabad

11:30–12:00 **Factorization and Subtraction beyond NLO**

Speaker

Lorenzo Magnea

12:00–12:30 **Local analytic sector subtraction: the Torino scheme**

Speaker

Chiara Signorile-Signorile

12:30

Wednesday 29 January

09:30

Morning Session: Talk 1

Session | Location: Hyderabad

09:30–10:00

Multi-differential resummation in SCET+

Speaker

Wouter Waalewijn

10:30

10:00–10:30

Leading and subleading jet functions

Speaker

Darren Scott

11:30

Morning Session: Talk 2

Session | Location: Hyderabad

11:30–12:00

Double-differential Higgs and jet pt resummation in momentum space

Speaker

Paolo Torrielli

12:30

12:00–12:30

Next-to-leading power threshold effects

Speaker

Melissa van Beekveld

Thursday 30 January

09:30

Morning Session: Talk 1

Session | **Location:** Hyderabad

09:30–10:00

Higgs+n-gluon amplitude at one loop

Speaker

Satyajit Seth

10:30

10:00–10:30

Higgs self-coupling in double higgs production

Speaker

Dr Ambresh Shivaji

11:30

Morning Session: Talk 2

Session | **Location:** Hyderabad

11:30–12:00

Two loop QCD amplitudes for di-pseudo scalar production in gluon fusion

Speaker

Maguni Mahakhud

12:30

12:00–12:30

Infrared structure of gauge theory: A comparison between N=4 SYM and QCD and beyond

Speaker

Amlan Chakraborty

Friday 31 January

09:30

Morning Session: Talk 1

Session | Location: Hyderabad

09:30–10:00

Ajjath: Infrared structure of $SU(N) \times U(1)$ gauge theory to three loops; Pooja: NNLO QCD@QED corrections to Higgs production in bottom quark annihilation

Speaker

Pooja Mukherjee + Ajjath A.H.

10:00–10:30

Kajal: N^3 LO SV + N^3 LL Perturbative QCD Calculations for Drell-Yan at LHC, Ravindran: Gluon Jet Function at three loops in QCD

Speaker

Kajal Samantha + V. Ravindran

10:30

11:30

Morning Session: Talk 2

Session | Location: Hyderabad

11:30–12:00

Multiparton webs at 4-loops

Speaker

SOURAV PAL

12:00–12:30

Precision at the high-energy frontier

Speaker

Laenen Eric

12:30