Session Program

12–18 Jan 2020

Quarkonia As Tools 2020

proton-proton, electron-proton and electron-positron collisions

Centre Paul Langevin
Aussois, Vanoise Massif, France

Monday 13 January

08:30

proton-proton, electron-proton and electron-positron collisions: review talks

Session | **Location:** Centre Paul Langevin, Aussois, Vanoise Massif, France

08:30–08:50 **Introduction to the philosophy of the "Quarkonia as Tools" workshops**

08:50–09:10

Everything You Always Wanted to Know About Factorisation in Quarkonium Production* (*But Were Afraid to Ask)

Speaker
Thomas Mehen

09:10–09:30

Overview of "conventional" quarkonium measurements : what's new ?

Speaker
Xu Li

09:30–09:50

KT factorisation in quarkonium production: associated production and going to one-loop accuracy

Speaker
Dr Maxim Nefedov

10:00–10:30 **Coffee break**

10:30–10:50

Experimental overview of less conventional quarkonia: eta(c), chi(Q), X(3872) production

Speaker
Jibo He

10:50–11:10 **Quarkonium in/with/outside jets**

Speaker
Yiannis Makris

11:10–11:30

Overview on Quarkonium Associated Measurements at the LHC (Onium pair, Onium+Q, Onium Z/W, ...)

Speaker
Amy Tee

11:30–11:50

Brainstorming on EIC "Inclusive" quarkonium production vs the HERA legacy

Speaker
Jianwei Qiu

12:00

16:45

proton-proton, electron-proton and electron-positron collisions: Afternoon session: Q&A, topical talk & table

Session | **Location:** Centre Paul Langevin, Aussois, Vanoise Massif, France

16:45–17:15 **Q&A (Young Scientists 15')**

17:15–17:25 **Update of NRQCD fits**

Speaker
Jianxiong Wang

17:25–17:35 **Theoretical Constraints on low-scale gluon PDFs from Quarkonia**

Speaker
Melih Arslan Ozcelik

17:45–19:15 **Round table discussion**

19:15–19:30 **FDC**

Speaker
Jianxiong Wang

19:30–19:45 **HELAC-Onia Web**

Speaker
Carlo Flore

19:45–20:00 **Tool session Part 1 (discussion)**

20:00