

Quarkonia As Tools



Report of Contributions

Contribution ID: 1

Type: **not specified**

Organisation

Session Classification: proton-proton, electron-proton and electron-positron collisions

Contribution ID: 2

Type: **not specified**

Test

Session Classification: proton-proton, electron-proton and electron-positron collisions

Contribution ID: 3

Type: **not specified**

Overview of experimental results in exclusive/diffractive quarkonia and why they are useful

Friday 18 January 2019 08:30 (40 minutes)

Presenter: ZHANG, Yanxi

Session Classification: exclusive/diffractive reactions

Contribution ID: 4

Type: **not specified**

JLab/EIC: overview of experimental results

Friday 18 January 2019 09:10 (40 minutes)

Presenter: BOSSU, Francesco (CEA-Saclay)

Session Classification: exclusive/diffractive reactions

Contribution ID: 5

Type: **not specified**

What experimental channels are available to access Wigner distributions and what are their advantages. How certain are we about factorisation?

Friday 18 January 2019 09:50 (40 minutes)

Presenter: BOUSSARIE, Renaud (Brookhaven National Lab)

Session Classification: exclusive/diffractive reactions

Contribution ID: 6

Type: **not specified**

What are the approximations used in low-x gluon fits when using exclusive quarkonia production. How reliable are they?

Friday 18 January 2019 11:00 (25 minutes)

Presenter: FLETT, Chris (The University of Liverpool)

Session Classification: exclusive/diffractive reactions

Contribution ID: 7

Type: **not specified**

What type of exclusive measurements are missing?

Friday 18 January 2019 11:25 (35 minutes)

Presenter: TERYAEV, Oleg (JINR)

Session Classification: exclusive/diffractive reactions

Contribution ID: 8

Type: **not specified**

Overview of nuclear PDFs

Tuesday 15 January 2019 09:30 (40 minutes)

Presenter: SCHIENBEIN, Ingo (Universite Grenoble Alpes)

Session Classification: proton-nucleus and electron-nucleus

Contribution ID: 9

Type: **not specified**

Experimental overview of quarkonium measurements in proton-nucleus collisions

Tuesday 15 January 2019 09:00 (30 minutes)

Presenter: Dr DA SILVA, Cesar Luiz (Los Alamos National Laboratory (US))

Session Classification: proton-nucleus and electron-nucleus

Contribution ID: **10**

Type: **not specified**

Theoretical overview of cold nuclear matter effects in quarkonium production

Tuesday 15 January 2019 08:30 (30 minutes)

Presenter: Dr WATANABE, Kazuhiro

Session Classification: proton-nucleus and electron-nucleus

Contribution ID: 11

Type: **not specified**

More thoughts on the extraction of (n)PDF with heavy quarks

Tuesday 15 January 2019 11:40 (20 minutes)

Presenter: GARZELLI, Maria Vittoria

Session Classification: proton-nucleus and electron-nucleus

Contribution ID: 12

Type: **not specified**

Quarkonia, high-multiplicities, isolation, Monte Carlo and all that

Tuesday 15 January 2019 10:40 (30 minutes)

Presenter: PORTEBOEUF, Sarah (Université Clermont Auvergne (FR))

Session Classification: proton-nucleus and electron-nucleus

Contribution ID: 13

Type: **not specified**

HELAC-Onia and web generation with NLOAccess

Tuesday 15 January 2019 11:10 (30 minutes)

Presenter: Mr FLORE, Carlo (University and INFN, Cagliari)

Session Classification: proton-nucleus and electron-nucleus

Contribution ID: 14

Type: **not specified**

Round table discussion

Tuesday 15 January 2019 17:30 (2 hours)

Presenter: D'ENTERRIA, David (CERN)

Session Classification: proton-nucleus and electron-nucleus

Contribution ID: 15

Type: **not specified**

Status of quarkonium hadro-production in the NLO era

Monday 14 January 2019 08:30 (30 minutes)

Presenter: MEHEN, Thomas (Duke University)

Session Classification: proton-proton, electron-proton and electron-positron collisions

Contribution ID: 16

Type: **not specified**

Status of quarkonium ee/ep-production in the NLO era

Monday 14 January 2019 09:00 (30 minutes)

Presenter: WANG, Jianxiong (IN)

Session Classification: proton-proton, electron-proton and electron-positron collisions

Contribution ID: 17

Type: **not specified**

LHC experimental prospects for quarkonia as tools

Monday 14 January 2019 09:30 (30 minutes)

Presenter: RUSSELL, Heather (McGill University (CA))

Session Classification: proton-proton, electron-proton and electron-positron collisions

Contribution ID: **18**

Type: **not specified**

Heavy flavour PDFs and application for quarkonia

Presenters: GARZELLI, Maria Vittoria; GARZELLI, Maria Vittoria

Session Classification: proton-proton, electron-proton and electron-positron collisions

Contribution ID: **19**

Type: **not specified**

Fragmentation functions and application for quarkonia

Monday 14 January 2019 10:30 (30 minutes)

Presenter: BERTONE, Valerio (NIKHEF)

Session Classification: proton-proton, electron-proton and electron-positron collisions

Contribution ID: 20

Type: **not specified**

Double parton scattering with quarkonia ($V+QQ$, $D+QQ$, ...)

Monday 14 January 2019 11:00 (30 minutes)

Presenter: YAMANAKA, Nodoka (Riken)

Session Classification: proton-proton, electron-proton and electron-positron collisions

Contribution ID: 21

Type: **not specified**

Overview of di-quarkonium studies

Monday 14 January 2019 11:30 (30 minutes)

Presenter: AN, Liupan (Universita e INFN, Firenze (IT))

Session Classification: proton-proton, electron-proton and electron-positron collisions

Contribution ID: 22

Type: **not specified**

Q&A (Young Scientists 15')

Monday 14 January 2019 17:00 (30 minutes)

Session Classification: proton-proton, electron-proton and electron-positron collisions

Contribution ID: 23

Type: **not specified**

Round table discussion

Monday 14 January 2019 17:30 (2 hours)

Chair: Vato Kartvelishvili

Presenter: KARTVELISHVILI, Vato (Lancaster University (GB))

Session Classification: proton-proton, electron-proton and electron-positron collisions

Contribution ID: 24

Type: **not specified**

TMDs in associated production: theory review

Thursday 17 January 2019 09:15 (25 minutes)

Presenter: SCARPA, Florent (IPN Orsay - Paris-Sud U. - CNRS/IN2P3)

Session Classification: TMDs

Contribution ID: 25

Type: **not specified**

TMDs in associated production: experimental review

Thursday 17 January 2019 09:45 (25 minutes)

Presenter: TEE, Amy (Lancaster University (GB))

Session Classification: TMDs

Contribution ID: 26

Type: **not specified**

Spin asymmetries in quarkonium production

Thursday 17 January 2019 08:30 (35 minutes)

Presenter: Dr CHIOSSO, Michela (University of Torino and INFN)

Session Classification: TMDs

Contribution ID: 27

Type: **not specified**

TMD factorization in single & double parton scattering

Thursday 17 January 2019 11:15 (35 minutes)

Presenter: KASEMETS, Tomas (JGU Mainz)

Session Classification: TMDs

Contribution ID: 28

Type: **not specified**

TMD factorization for quarkonium production

Presenter: MEHEN, Thomas (Duke University)

Session Classification: TMDs

Contribution ID: 29

Type: **not specified**

Review of pQCD TMD calculations for η , χ , J/ψ +photon, etc

Presenter: WANG, Jianxiong (IN)

Session Classification: TMDs

Contribution ID: **30**

Type: **not specified**

TBA

Session Classification: TMDs

Contribution ID: 31

Type: **not specified**

Q&A session (Young Scientists 15')

Thursday 17 January 2019 17:00 (30 minutes)

Presenter: PISANO, Cristian (University and INFN Cagliari (Italy))

Session Classification: TMDs

Contribution ID: **32**

Type: **not specified**

Round table

Thursday 17 January 2019 17:30 (2 hours)

Presenter: PISANO, Cristian (University and INFN Cagliari (Italy))

Session Classification: TMDs

Contribution ID: 33

Type: **not specified**

Charmonia in AA

Wednesday 16 January 2019 09:10 (40 minutes)

Presenter: Dr LARDEUX, Antoine (University of Oslo (NO))

Session Classification: nucleus-nucleus collisions

Contribution ID: 34

Type: **not specified**

Bottomonia in AA

Wednesday 16 January 2019 10:30 (40 minutes)

Presenter: CALDERON DE LA BARCA SANCHEZ, Manuel (University of California Davis (US))

Session Classification: nucleus-nucleus collisions

Contribution ID: 35

Type: **not specified**

Quarkonia in small systems

Wednesday 16 January 2019 11:10 (40 minutes)

Presenter: CRKOVSKA, Jana (Institut de Physique Nucleaire Orsay (FR))

Session Classification: nucleus-nucleus collisions

Contribution ID: 36

Type: **not specified**

Quarkonium dynamics and energy loss

Wednesday 16 January 2019 08:30 (40 minutes)

Presenter: Dr VITEV, Ivan

Session Classification: nucleus-nucleus collisions

Contribution ID: 38

Type: **not specified**

Q&A (Young Scientists 15')

Friday 18 January 2019 17:00 (30 minutes)

Presenter: MCNULTY, Ronan (University College Dublin (IE))

Session Classification: exclusive/diffractive reactions

Contribution ID: 39

Type: **not specified**

Round table discussion

Friday 18 January 2019 17:30 (2 hours)

Presenter: MCNULTY, Ronan (University College Dublin (IE))

Session Classification: exclusive/diffractive reactions

Contribution ID: 40

Type: **not specified**

Q&A session (Young Scientists 15')

Tuesday 15 January 2019 17:00 (30 minutes)

Presenter: D'ENTERRIA, David (CERN)

Session Classification: proton-nucleus and electron-nucleus

Contribution ID: 41

Type: **not specified**

Q&A (Young Scientists 15')

Wednesday 16 January 2019 17:00 (30 minutes)

Presenter: GOSSIAUX, Pol (Subatech)

Session Classification: nucleus-nucleus collisions

Contribution ID: 42

Type: **not specified**

Round table discussion

Wednesday 16 January 2019 17:30 (2 hours)

Presenter: GOSSIAUX, Pol (Subatech)

Session Classification: nucleus-nucleus collisions

Contribution ID: 43

Type: **not specified**

Probing gluon TMDs in J/Psi hadro- and electroproduction

Thursday 17 January 2019 10:45 (25 minutes)

Presenter: Dr TAEELS, Pieter Maria (INFN - National Institute for Nuclear Physics)

Session Classification: TMDs

Contribution ID: 44

Type: **not specified**

pp/ep/ee session synthesis

Saturday 19 January 2019 09:00 (15 minutes)

Presenter: PRICE, Darren (University of Manchester (GB))

Session Classification: Overview

Contribution ID: 45

Type: **not specified**

pA/eA session synthesis

Saturday 19 January 2019 09:30 (15 minutes)

Presenter: SHAO, Huasheng (Centre National de la Recherche Scientifique (FR))

Session Classification: Overview

Contribution ID: 46

Type: **not specified**

AA session synthesis

Saturday 19 January 2019 10:00 (15 minutes)

Presenter: CHAPON, Émilien (CERN)

Session Classification: Overview

Contribution ID: 47

Type: **not specified**

TMD session synthesis

Saturday 19 January 2019 11:00 (15 minutes)

Presenter: Dr ECHEVARRIA, Miguel (INFN Pavia)

Session Classification: Overview

Contribution ID: 48

Type: **not specified**

Exclusive session synthesis

Saturday 19 January 2019 11:30 (15 minutes)

Presenter: VAN HULSE, Charlotte Barbara (University College Dublin (IE))

Session Classification: Overview