

Quarkonia As Tools 2025

Report of Contributions

Contribution ID: **66**

Type: **not specified**

Introduction

Monday, January 6, 2025 8:30 AM (30 minutes)

Session Classification: Vacuum & MPI: round table and discussions

Contribution ID: 67

Type: **not specified**

Exotic / B_c experimental review

Monday, January 6, 2025 9:30 AM (30 minutes)

Presenter: HE, Jibo (University of Chinese Academy of Sciences (CN))

Session Classification: Vacuum & MPI: round table and discussions

Contribution ID: **68**

Type: **not specified**

Review on fragmentation functions and quarkonia

Wednesday, January 8, 2025 11:30 AM (30 minutes)

Presenter: LYNCH, Kate (University College Dublin (IE))

Session Classification: TMDs and multiple quarkonium production

Contribution ID: **69**

Type: **not specified**

Spinquest

Saturday, January 11, 2025 9:00 AM (30 minutes)

Presenter: WUERFEL, Noah (Harvard University (US))

Session Classification: MPI

Contribution ID: 70

Type: **not specified**

Exotic quarkonia

Monday, January 6, 2025 9:00 AM (30 minutes)

Presenter: SAZDJIAN, Hagop (Paris-Saclay University, IJCLab)

Session Classification: Vacuum & MPI: round table and discussions

Contribution ID: 71

Type: **not specified**

Experimental highlights in pp collisions

Monday, January 6, 2025 10:30 AM (30 minutes)

Presenter: ASCIOTI, Maria Elena (Universita e INFN, Perugia (IT))

Session Classification: Vacuum & MPI: round table and discussions

Contribution ID: 72

Type: **not specified**

Exclusive quarkonium production with Gamma-UPC

Friday, January 10, 2025 10:30 AM (30 minutes)

Presenter: D'ENTERRIA, David (CERN)

Session Classification: eA/pA/AA collisions, QGP

Contribution ID: 73

Type: **not specified**

DPS at EIC

Saturday, January 11, 2025 9:30 AM (30 minutes)

Presenter: RINALDI, Matteo

Session Classification: MPI

Contribution ID: 74

Type: **not specified**

TMDs

Saturday, January 11, 2025 10:30 AM (30 minutes)

Presenter: Dr BERTONE, Valerio (C.E.A. Paris-Saclay)

Session Classification: MPI

Contribution ID: 75

Type: **not specified**

General discussion and closing

Saturday, January 11, 2025 11:00 AM (1 hour)

Session Classification: MPI

Contribution ID: 76

Type: **not specified**

Factorisation at high-energy quarkonium photoproduction

Tuesday, January 7, 2025 8:30 AM (30 minutes)

Presenter: FLETT, Chris (IJCLab)

Session Classification: Exclusive physics

Contribution ID: 77

Type: **not specified**

Diffractive PDFs

Tuesday, January 7, 2025 9:00 AM (30 minutes)

Presenter: GUZEY, Vadim (University of Jyvaskyla)

Session Classification: Exclusive physics

Contribution ID: 78

Type: **not specified**

Quarkonium threshold production

Tuesday, January 7, 2025 9:30 AM (30 minutes)

Presenter: CHATAGNON, Pierre

Session Classification: Exclusive physics

Contribution ID: 79

Type: **not specified**

Probing the odderon through heavy quarkonia at the EIC

Tuesday, January 7, 2025 10:30 AM (30 minutes)

Presenter: KAUSHIK BADRINARAYANAN, Abhiram Kaushik (University of Jyvaskyla)

Session Classification: Exclusive physics

Contribution ID: **80**

Type: **not specified**

UPCs and far-forward detection

Tuesday, January 7, 2025 11:00 AM (30 minutes)

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

Session Classification: Exclusive physics

Contribution ID: **81**

Type: **not specified**

Far-forward detection at the EIC

Tuesday, January 7, 2025 11:30 AM (30 minutes)

Presenter: VAN HULSE, Charlotte (Universidade de Santiago de Compostela (ES))

Session Classification: Exclusive physics

Contribution ID: **82**

Type: **not specified**

Q&A (Young scientists 15')

Tuesday, January 7, 2025 4:30 PM (30 minutes)

Session Classification: Exclusive physics

Contribution ID: **83**

Type: **not specified**

Quarkonium measurements at RHIC

Wednesday, January 8, 2025 8:30 AM (30 minutes)

Presenter: CESKA, Jakub

Session Classification: TMDs and multiple quarkonium production

Contribution ID: **84**

Type: **not specified**

Forward J/psi+jet

Monday, January 6, 2025 11:30 AM (30 minutes)

Presenter: FUCILLA, Michael

Session Classification: Vacuum & MPI: round table and discussions

Contribution ID: 85

Type: **not specified**

TMDs and quarkonia at the EIC

Wednesday, January 8, 2025 11:00 AM (30 minutes)

Presenter: KISHORE, Raj (IIT Bombay)

Session Classification: TMDs and multiple quarkonium production

Contribution ID: **86**

Type: **not specified**

C-even quarkonium production and di-J/psi production

Wednesday, January 8, 2025 9:00 AM (30 minutes)

Presenter: KATO, NANAOKO

Session Classification: TMDs and multiple quarkonium production

Contribution ID: 87

Type: **not specified**

Quarkonium production in MadGraph5_aMC@NLO

Wednesday, January 8, 2025 9:30 AM (30 minutes)

Presenter: COLPANI SERRI, ALICE (Warsaw University of Technology)

Session Classification: TMDs and multiple quarkonium production

Contribution ID: **88**

Type: **not specified**

Q&A (Young scientists 15')

Wednesday, January 8, 2025 4:30 PM (30 minutes)

Session Classification: TMDs and multiple quarkonium production

Contribution ID: **91**

Type: **not specified**

Chi_c production and SMOG2

Thursday, January 9, 2025 8:30 AM (30 minutes)

Presenter: LU, Qiuchan (Centre National de la Recherche Scientifique (FR))

Session Classification: eA/pA/AA collisions, QGP

Contribution ID: **92**

Type: **not specified**

nPDFs

Thursday, January 9, 2025 9:00 AM (30 minutes)

Presenter: DASKALAS, Dimitrios

Session Classification: eA/pA/AA collisions, QGP

Contribution ID: 93

Type: **not specified**

Asymmetric collisions in MadGraph5_aMC@NLO

Thursday, January 9, 2025 9:30 AM (30 minutes)

Presenter: FLORE, Carlo (Università di Cagliari & INFN)

Session Classification: eA/pA/AA collisions, QGP

Contribution ID: 94

Type: **not specified**

Multiplicity dependence of quarkonium production

Thursday, January 9, 2025 10:30 AM (30 minutes)

Presenter: LEGRAS, Gauthier (Universität Münster (DE))

Session Classification: eA/pA/AA collisions, QGP

Contribution ID: 95

Type: **not specified**

Review talk on UPC in AA at LHC

Friday, January 10, 2025 11:00 AM (30 minutes)

Presenter: LAVICKA, Roman (Austrian Academy of Sciences (AT))

Session Classification: eA/pA/AA collisions, QGP

Contribution ID: 96

Type: **not specified**

Quarkonia production in AA collisions

Friday, January 10, 2025 8:30 AM (30 minutes)

Presenter: DELORME, Stéphane (IFJ PAN)

Session Classification: eA/pA/AA collisions, QGP

Contribution ID: 97

Type: **not specified**

Quarkonium evolution in the medium by stochastic approach beyond the dipole limit

Friday, January 10, 2025 9:00 AM (30 minutes)

Presenter: MARTÍNEZ VERA, Jorge Manuel (Università di Torino)

Session Classification: eA/pA/AA collisions, QGP

Contribution ID: **98**

Type: **not specified**

Semi-classical approximation of master equations

Friday, January 10, 2025 9:30 AM (30 minutes)

Presenter: GOSSIAUX, Pol-Bernard

Session Classification: eA/pA/AA collisions, QGP

Contribution ID: 99

Type: **not specified**

Experimental highlights in AA collisions

Thursday, January 9, 2025 11:00 AM (30 minutes)

Presenter: COQUET, Maurice (Centre National de la Recherche Scientifique (FR))

Session Classification: eA/pA/AA collisions, QGP

Contribution ID: **100**

Type: **not specified**

Study of collective phenomena with quarkonia in hadronic collisions

Thursday, January 9, 2025 11:30 AM (30 minutes)

Presenter: VALENCIA TORRES, Victor (Centre National de la Recherche Scientifique (FR))

Session Classification: eA/pA/AA collisions, QGP

Contribution ID: **101**

Type: **not specified**

sPhenix review

Saturday, January 11, 2025 8:30 AM (30 minutes)

Presenter: FRANCISCO, Audrey (CEA)

Session Classification: MPI

Contribution ID: **102**

Type: **not specified**

Round-table discussion: gap survival factors

Tuesday, January 7, 2025 5:00 PM (2 hours)

Session Classification: Exclusive physics

Contribution ID: **103**

Type: **not specified**

Round-table discussion: TMD shape functions

Wednesday, January 8, 2025 5:00 PM (2 hours)

Session Classification: TMDs and multiple quarkonium production

Contribution ID: **104**

Type: **not specified**

Review on jets and preparation for the round table on onium in/with jets

Monday, January 6, 2025 11:00 AM (30 minutes)

Presenter: Dr CAUCAL, Paul (Subatech, Nantes Université, IN2P3)

Session Classification: Vacuum & MPI: round table and discussions

Contribution ID: 105

Type: **not specified**

Factorisation for J/psi lepton production at small transverse momentum

Wednesday, January 8, 2025 10:30 AM (30 minutes)

Presenter: TAEELS, Pieter (University of Antwerp)

Session Classification: TMDs and multiple quarkonium production

Contribution ID: **106**

Type: **not specified**

Q&A - young scientists

Monday, January 6, 2025 4:30 PM (30 minutes)

Session Classification: Vacuum & MPI: round table and discussions

Contribution ID: **107**

Type: **not specified**

Nuclear GPD round table

Thursday, January 9, 2025 6:00 PM (1 hour)

Presenters: RINALDI, Matteo; GUZEY, Vadim (University of Jyvaskyla)

Session Classification: eA/pA/AA collisions, QGP

Contribution ID: **108**

Type: **not specified**

Q&A & discussion

Thursday, January 9, 2025 4:30 PM (1h 30m)

Presenters: COQUET, Maurice (Centre National de la Recherche Scientifique (FR)); DELORME, Stéphane (IFJ PAN)

Session Classification: eA/pA/AA collisions, QGP