

Assemblée Générale du GDR QCD

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Monday, May 23, 2022 3:00 PM (10 minutes)

Presenters: MUNOZ CAMACHO, Carlos (IJCLab); MARQUET, Cyrille (CPHT - Ecole Polytechnique); WINN, Michael (DPhN/IRFU/DRF/CEA Paris-Saclay)

Session Classification: Introduction

Contribution ID: 2

Type: **not specified**

WG1: Interactions simples et multiples entre partons

Monday, May 23, 2022 3:10 PM (10 minutes)

Presenters: LORCÉ, Cédric (Ecole Polytechnique); MARCHAND, Dominique (IJClab,CNRS/IN2P3 - Université Paris-Saclay); CONESA DEL VALLE, Zaida (CERN)

Session Classification: Introduction

Contribution ID: 3

Type: **not specified**

WG2: Effets collectifs dans les nucléons et noyaux, diagramme de phase de QCD

Monday, May 23, 2022 3:20 PM (10 minutes)

Presenters: MAIRE, Antonin (IPHC Strasbourg - CNRS); NAHRGANG, Marlene; GUILBAUD, Maxime (SUBATECH)

Session Classification: Introduction

Contribution ID: 4

Type: **not specified**

WG3: QCD à grande impulsion transverse

Monday, May 23, 2022 3:30 PM (10 minutes)

Presenters: LANSBERG, Jean-Philippe (IJCLab - Université Paris-Saclay - CNRS (FR)); MASSACRIER, Laure (Institut de Physique Nucléaire d'Orsay); CHAPON, Émilien (Irfu/DPhP)

Session Classification: Introduction

Contribution ID: 5

Type: **not specified**

WG4: Prospectives sur les observables de l'interaction forte

Monday, May 23, 2022 3:40 PM (10 minutes)

Presenters: RAMSTEIN-FAURE, Beatrice (Institut de Physique Nucleaire d'Orsay); MAURICE, Emilie (Ecole polytechnique); BOSSU, Francesco (CEA-Saclay)

Session Classification: Introduction

Contribution ID: 6

Type: **not specified**

WG5: QCD à basse énergie, méthodes non perturbatives

Monday, May 23, 2022 3:50 PM (10 minutes)

Presenters: BLOSSIER, Benoit (CNRS); MEZRAG, Cédric (Irfu/DPhN); CHERNODUB, Maxim (Institut Denis Poisson (Tours, France))

Session Classification: Introduction

Contribution ID: 7

Type: **not specified**

Prix de thèse du GDR QCD 2021

Monday, May 23, 2022 4:00 PM (30 minutes)

Presenter: CAUCAL, Paul (BNL)

Session Classification: Introduction

Contribution ID: 8

Type: **not specified**

Medium induced radiation: from static to dynamic media

Monday, May 23, 2022 5:00 PM (20 minutes)

Presenter: ANDRÉS, Carlota

Session Classification: Session 1

Contribution ID: 9

Type: **not specified**

Higher Order Corrections to the Transverse Momentum Broadening Coefficient in a Weakly Coupled Quark Gluon Plasma

Monday, May 23, 2022 5:20 PM (20 minutes)

Presenter: WEITZ, Eamonn (SUBATECH, Université de Nantes)

Session Classification: Session 1

Contribution ID: **10**

Type: **not specified**

Polarization of jets in the glasma

Monday, May 23, 2022 5:40 PM (20 minutes)

Presenter: HAUKSSON, Sigtryggur (sigtryggur.hauksson@ipht.fr)

Session Classification: Session 1

Contribution ID: 11

Type: **not specified**

Pion-pion scattering from nucleon-meson fluctuations

Monday, May 23, 2022 6:00 PM (20 minutes)

Presenter: JÜRGEN, Eser

Session Classification: Session 1

Contribution ID: 12

Type: **not specified**

On the role of the initial stage concerning the dynamics of heavy-ion collisions using EPOS and PHSD

Tuesday, May 24, 2022 9:00 AM (20 minutes)

Presenter: MAHBOBEH, Jafarpour

Session Classification: Session 2

Contribution ID: 13

Type: **not specified**

Towards a unified description of exclusive Compton scatterings for small and moderate x

Presenter: BOUSSARIE, Renaud (CPHT, CNRS, Ecole polytechnique, IP Paris)

Session Classification: Session 2

Contribution ID: 14

Type: **not specified**

A glimpse on the partonic structure of light nuclei through Deeply Virtual Compton Scattering

Tuesday, May 24, 2022 9:20 AM (20 minutes)

Presenter: FUCINI, Sara (sara.fucini@ijclab.in2p3.fr)

Session Classification: Session 2

Contribution ID: 15

Type: **not specified**

Accessing GPDs through the exclusive photoproduction of a gamma meson pair with large invariant mass

Tuesday, May 24, 2022 9:40 AM (20 minutes)

Presenter: NABEEBACCUS, Saad (IJCLab)

Session Classification: Session 2

Contribution ID: 16

Type: **not specified**

Recoil proton polarization in DVCS as a probe for CFF E

Tuesday, May 24, 2022 10:00 AM (20 minutes)

Presenter: BESSIDSKAIA BYLUND, Olga

Session Classification: Session 2

Contribution ID: 17

Type: **not specified**

Kinematical higher twist corrections in $\gamma^* + \gamma \rightarrow M + M$

Tuesday, May 24, 2022 10:50 AM (20 minutes)

Presenter: SONG, Qin-Tao (qin-tao.song@polytechnique.edu)

Session Classification: Session 3

Contribution ID: **18**

Type: **not specified**

Conceptual design of a target for a positron source at JLab

Tuesday, May 24, 2022 11:10 AM (20 minutes)

Presenter: USHAKOV, Andriy

Session Classification: Session 3

Contribution ID: **19**

Type: **not specified**

TBD

Session Classification: Session 3

Contribution ID: 20

Type: **not specified**

Kalman Filter for BONuS12 experiment at JLAB

Tuesday, May 24, 2022 11:50 AM (20 minutes)

Presenter: OUILLON, Mathieu

Session Classification: Session 3

Contribution ID: 21

Type: **not specified**

Weighing the Top Quark with Energy Correlators

Tuesday, May 24, 2022 2:00 PM (20 minutes)

Presenter: HOLGUIN, Jack

Session Classification: Session 4

Contribution ID: 22

Type: **not specified**

Precision Higgs physics at LHC

Tuesday, May 24, 2022 2:20 PM (20 minutes)

Presenter: ABDUL-HAMEED, Ajjath

Session Classification: Session 4

Contribution ID: 23

Type: **not specified**

QCD threshold resummation for top production

Tuesday, May 24, 2022 2:40 PM (20 minutes)

Presenter: YEHUDI, Simon

Session Classification: Session 4

Contribution ID: 24

Type: **not specified**

Measurement of the Lund jet plane density at 13 TeV with CMS

Tuesday, May 24, 2022 3:00 PM (20 minutes)

Presenter: BALDENEGRO BARRERA, Cristian (Laboratoire Leprince-Ringuet)

Session Classification: Session 4

Contribution ID: 25

Type: **not specified**

CNRS

Tuesday, May 24, 2022 3:50 PM (20 minutes)

Presenter: URAS, Antonio (IPNL Lyon)

Session Classification: Débouchés et concours d'embauche

Contribution ID: 26

Type: **not specified**

CEA

Tuesday, May 24, 2022 4:10 PM (20 minutes)

Presenter: MOUTARDE, Hervé (CEA-IRFU-SPHN)

Session Classification: Débouchés et concours d'embauche

Contribution ID: 27

Type: **not specified**

Universités

Tuesday, May 24, 2022 4:30 PM (20 minutes)

Presenter: SAMI, Taklit (Subatech, universite de Nantes)

Session Classification: Débouchés et concours d'embauche

Contribution ID: 28

Type: **not specified**

Industrie

Tuesday, May 24, 2022 4:50 PM (20 minutes)

Presenter: GOMBEAUD, Clement

Session Classification: Débouchés et concours d'embauche

Contribution ID: 29

Type: **not specified**

Contributions from hadronic light-by-light scattering to the anomalous magnetic moment of the muon from lattice QCD with staggered fermions

Wednesday, May 25, 2022 9:00 AM (20 minutes)

Presenter: ZIMMERMANN, Christian

Session Classification: Session 5

Contribution ID: **30**

Type: **not specified**

eta and eta' transition form factors and the hadronic light-by-light contribution to the muon g-2

Wednesday, May 25, 2022 9:20 AM (20 minutes)

Presenter: VERPLANKE, Willem

Session Classification: Session 5

Contribution ID: **31**

Type: **not specified**

Hadronic contribution to the running of the fine structure constant

Wednesday, May 25, 2022 9:40 AM (20 minutes)

Presenter: MUTZEL, Sophie

Session Classification: Session 5

Contribution ID: 32

Type: **not specified**

Lattice QCD calculation of meson and baryon form factors

Wednesday, May 25, 2022 10:00 AM (20 minutes)

Presenter: WANG, Gen

Session Classification: Session 5

Contribution ID: **33**

Type: **not specified**

TBD

Presenter: CUNQUEIRO, Leticia (LLR Ecole Polytechnique)

Session Classification: Session 6

Contribution ID: 34

Type: **not specified**

La distribution du gluon dans les noyaux à petit x

Wednesday, May 25, 2022 10:50 AM (20 minutes)

Presenter: LÉGER, Chloé (UGA)

Session Classification: Session 6

Contribution ID: 35

Type: **not specified**

Distinguishing prompt and non-prompt : the J/Psi emancipation of Run 3 in ALICE

Wednesday, May 25, 2022 11:10 AM (20 minutes)

Presenter: COT, Corentin

Session Classification: Session 6

Contribution ID: 36

Type: **not specified**

The production of J/psi and psi(2S) as a function of charged-particle multiplicity with the ALICE experiment at the LHC

Wednesday, May 25, 2022 11:30 AM (20 minutes)

Presenter: TORK, Theraa (IJCLab, université paris-saclay)

Session Classification: Session 6

Contribution ID: 37

Type: **not specified**

Simulation and instrumentation for the future Electron-Ion Collider

Tuesday, May 24, 2022 11:30 AM (20 minutes)

Presenter: WANG, Pu-kai

Session Classification: Session 3

Contribution ID: 38

Type: **not specified**

Measurement of isolated photon spectrum in pp collisions at 13 TeV with the ALICE EMCal

Wednesday, May 25, 2022 2:00 PM (20 minutes)

Presenter: XU, Ran

Session Classification: Session 7

Contribution ID: 39

Type: **not specified**

Test of the CPT symmetry via the mass difference measurements of multi-strange baryons

Wednesday, May 25, 2022 11:50 AM (20 minutes)

Presenter: SCHOTTER, Romain (Université de Strasbourg, Groupe ALICE - IPHC Strasbourg)

Session Classification: Session 6

Contribution ID: 40

Type: **not specified**

Table Ronde

Tuesday, May 24, 2022 5:10 PM (50 minutes)

Session Classification: Débouchés et concours d'embauche

Contribution ID: 41

Type: **not specified**

Next-to-leading order Higgs production in hybrid high-energy and collinear factorization

Wednesday, May 25, 2022 2:20 PM (20 minutes)

Presenter: FUCILLA, Michael (IJCLab)

Session Classification: Session 7