

Getting to Grips with QCD

GETTING TO GRIPS WITH QCD

Campus des Cordeliers, Paris
4-6 April 2018



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Report of Contributions

Contribution ID: 1

Type: **not specified**

Meson Distribution Amplitudes from Lattice QCD

Thursday 5 April 2018 09:30 (30 minutes)

Presenter: HUTZLER, Fabian (University Regensburg)

Contribution ID: 2

Type: **not specified**

Light-cone distribution amplitudes of the B-meson

Wednesday 4 April 2018 12:30 (30 minutes)

Presenter: FELDMANN, Thorsten (Unknown)

Contribution ID: 3

Type: **not specified**

On exclusive hard processes with light-mesons

Wednesday 4 April 2018 10:00 (30 minutes)

Presenter: Dr PASSEK-KUMERICKI, Kornelija (IRB Zagreb)

Contribution ID: 4

Type: **not specified**

Twist-3 effects in electroproduction of pions

Wednesday 4 April 2018 10:30 (30 minutes)

Presenter: KROLL, Peter (University of Wuppertal)

Contribution ID: 5

Type: **not specified**

Phenomenological access to GPDs today

Wednesday 4 April 2018 11:30 (30 minutes)

Author: KUMERICKI, Kresimir (University of Zagreb)

Presenter: KUMERICKI, Kresimir (University of Zagreb)

Contribution ID: 6

Type: **not specified**

Accessing Generalized Parton Distributions through the photoproduction of a photon-meson pair

Wednesday 4 April 2018 12:00 (30 minutes)

Presenter: Dr WALLON, Samuel

Contribution ID: 7

Type: **not specified**

Recent progress on infrared singularities in QCD scattering amplitudes

Wednesday 4 April 2018 14:15 (30 minutes)

Presenter: Prof. GARDI, Einan (University of Edinburgh)

Contribution ID: 8

Type: **not specified**

The distribution of angular momentum in QCD

Wednesday 4 April 2018 14:45 (30 minutes)

Presenter: Dr LORCÉ, Cédric (Ecole Polytechnique)

Contribution ID: 9

Type: **not specified**

The quark and gluon structure of the proton in the high-precision LHC era

Wednesday 4 April 2018 16:15 (30 minutes)

Presenter: Dr ROJO, Juan (VU Amsterdam and Nikhef)

Contribution ID: **10**

Type: **not specified**

A review of nuclear PDFs

Presenter: SCHIENBEIN, Ingo (Universite Joseph Fourier)

Contribution ID: 11

Type: **not specified**

Extracting gluon Transverse Momentum Dependent (TMD) distributions with quarkonia

Thursday 5 April 2018 12:00 (30 minutes)

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

Contribution ID: 12

Type: **not specified**

Recent QCD results for Higgs and Drell-Yan production at the LHC

Thursday 5 April 2018 10:00 (30 minutes)

Presenter: RE, Emanuele (CERN)

Contribution ID: 13

Type: **not specified**

A brief look inside jet substructure

Thursday 5 April 2018 10:30 (30 minutes)

Presenter: SOYEZ, Gregory (IPhT, CEA Saclay)

Contribution ID: 14

Type: **not specified**

Overview of TMDs

Wednesday 4 April 2018 16:45 (30 minutes)

Presenter: BOER, Daniel

Contribution ID: 15

Type: **not specified**

Cutting-edge NLO description of processes with saturation effects

Thursday 5 April 2018 12:30 (30 minutes)

Presenter: BOUSSARIE, Renaud (IFJ Krakow)

Contribution ID: 16

Type: **not specified**

High-energy scattering with high parton densities: Gluon saturation and the Color Glass Condensate

Thursday 5 April 2018 11:30 (30 minutes)

Presenter: IANCU, Edmond (Université Paris-Saclay (FR))

Contribution ID: 17

Type: **not specified**

Lattice QCD for precision flavour physics

Thursday 5 April 2018 14:15 (30 minutes)

Presenter: PENA RUANO, Carlos Roberto (Universidad Autonoma de Madrid (ES))

Contribution ID: **18**

Type: **not specified**

**Lattice QCD form factors of the $D \rightarrow \pi(K)$
semileptonic decays and determination of $|V_{cd}|$ and
 $|V_{cs}|$**

Thursday 5 April 2018 14:45 (30 minutes)

Presenter: Dr SALERNO, Giorgio (Università degli Studi di Roma Tre)

Contribution ID: **19**

Type: **not specified**

$Bc \rightarrow J/\psi$ form factor and lepton flavor universality violation in $R(J/\psi)$

Thursday 5 April 2018 17:15 (30 minutes)

Presenter: LELJAK, Domagoj (IRB Zagreb)

Contribution ID: 20

Type: **not specified**

QCD Sum Rules: (short) Status Report

Thursday 5 April 2018 16:15 (30 minutes)

Presenter: COLANGELO, Pietro (Unknown)

Contribution ID: 21

Type: **not specified**

Uncertainties in $b \rightarrow s(d)\ell\ell$ decays due to the form factors

Thursday 5 April 2018 16:45 (30 minutes)

Presenter: BHARUCHA, Aoife (CNRS)

Contribution ID: 22

Type: **not specified**

Interplay between hadronic uncertainties and NP effects in the context of $b \rightarrow s$ anomalies

Thursday 5 April 2018 15:15 (30 minutes)

Presenter: FEDELE, Marco (INFN RM1)

Contribution ID: 23

Type: **not specified**

Theoretical status of hadronic contributions to $(g - 2)_\mu$

Friday 6 April 2018 09:30 (30 minutes)

Presenter: Prof. COLANGELO, Gilberto (Universität Bern)

Contribution ID: 24

Type: **not specified**

Hadronic corrections to the muon anomalous magnetic moment from lattice QCD

Friday 6 April 2018 10:00 (30 minutes)

Presenter: Dr GÉRARDIN, Antoine (Johannes Gutenberg University - Mainz)

Contribution ID: 25

Type: **not specified**

An updated determination of HVP contributions to muon $g - 2$ and $\alpha(M_Z^2)$

Friday 6 April 2018 10:30 (30 minutes)

Presenter: ZHANG, Zhiqing Philippe (LAL, Orsay (FR))

Contribution ID: 26

Type: **not specified**

Heavy-quarkonium production: NLO vs. experiment

Friday 6 April 2018 11:30 (30 minutes)

Presenter: KNIEHL, Bernd (University of Hamburg)

Contribution ID: 27

Type: **not specified**

Double quarkonium hadroproduction as a probe of double-parton hard scatterings

Friday 6 April 2018 12:00 (30 minutes)

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

Contribution ID: **28**

Type: **not specified**

Charmonium resonances and bound states from Lattice QCD

Friday 6 April 2018 12:30 (30 minutes)

Presenter: MOHLER, Daniel (Fermilab)

Contribution ID: 29

Type: **not specified**

Soft Photon Contributions to Hadronic Processes from Lattice QCD

Friday 6 April 2018 14:15 (30 minutes)

Presenter: Dr SANFILIPPO , Francesco (INFN Roma Tre)

Contribution ID: **30**

Type: **not specified**

Electromagnetic corrections and strong interactions

Friday 6 April 2018 14:45 (30 minutes)

Presenter: KNECHT, Marc (CNRS)

Contribution ID: **31**

Type: **not specified**

Nucleon structure with the open source PARTONS framework

Wednesday 4 April 2018 15:15 (30 minutes)

Presenter: MOUTARDE, Hervé

Contribution ID: 32

Type: **not specified**

Social Dinner at Restaurant MARTY

Thursday 5 April 2018 20:00 (2 hours)