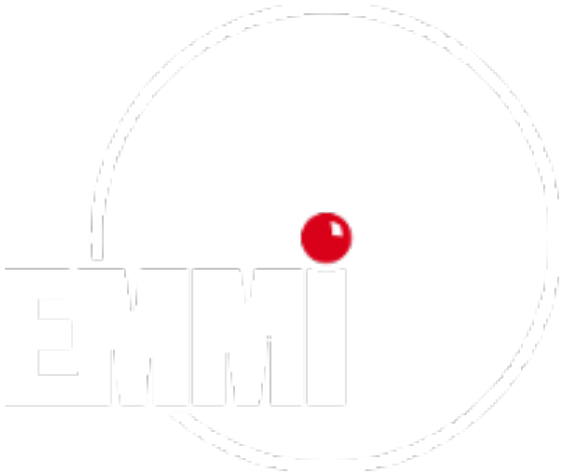
QCD challenges in pp, pA and AA collisions at high energies



Report of Contributions

https://indico.cern.ch/e/589766

Contribution ID: **1** Type: **not specified**

Welcome

Monday, 27 February 2017 09:00 (10 minutes)

Presenter: WAMBACH, ECT*, Jochen (ECT*)

Contribution ID: **2** Type: **not specified**

EPOS overview

Monday, 27 February 2017 09:10 (50 minutes)

Presenter: WERNER, Klaus

Contribution ID: **3** Type: **not specified**

Origin of QGP like effect in small systems - how to make experimental progress

Monday, 27 February 2017 10:00 (40 minutes)

Presenter: CHRISTIANSEN, Peter (Lund University (SE))

Contribution ID: **4** Type: **not specified**

Coffee

Contribution ID: **5** Type: **not specified**

QCD challenges in pp scattering at the LHC

Monday, 27 February 2017 11:00 (40 minutes)

Presenter: JENKOVSZKY, Laszlo

Contribution ID: **6** Type: **not specified**

Flow, femtoscopy and correlations in pp, pPb and PbPb collisions at ALICE

Monday, 27 February 2017 11:40 (50 minutes)

Presenter: BECK, Hans (Ruprecht-Karls-Universitaet Heidelberg (DE))

Contribution ID: **8** Type: **not specified**

Lunch

Contribution ID: **9** Type: **not specified**

Welcome

Presenter: WAMBACH, ECT*, Jochen

Contribution ID: **10** Type: **not specified**

The Spin Structure of the Soft Pomeron

Monday, 27 February 2017 13:30 (40 minutes)

Presenter: EWERZ, Carlo

Contribution ID: **11** Type: **not specified**

An experimentalist's overview of the central exclusive production of 2π and 4π systems

Monday, 27 February 2017 14:10 (50 minutes)

Presenter: CHUNG, Suh-Urk (Pusan National University (KR))

Contribution ID: **12** Type: **not specified**

Production studies in LHCb using proton beams, lead beams and fixed targets

Monday, 27 February 2017 15:30 (50 minutes)

Presenter: BURSCHE, Albert (Universita e INFN, Cagliari (IT))

Contribution ID: **13** Type: **not specified**

Light flavour results in pp, pPb and PbPb collisions at ALICE

Monday, 27 February 2017 16:20 (50 minutes)

Presenter: BELLINI, Francesca (Universita e INFN, Bologna (IT))

Contribution ID: **14** Type: **not specified**

Discussions

Monday, 27 February 2017 17:10 (50 minutes)

Contribution ID: **15** Type: **not specified**

Vector meson photoproduction in in ultra-peripheral p-Pb and Pb-Pb collisions at the LHC with the ALICE

Tuesday, 28 February 2017 09:00 (50 minutes)

Presenter: BROZ, Michal (Czech Technical University (CZ))

Contribution ID: **16** Type: **not specified**

Photon-pomeron fusion with electromagnetic and diffractive dissociation

Tuesday, 28 February 2017 09:50 (30 minutes)

Presenter: SCHAEFER, Wolfgang (Institute of Nuclear Physics PAN)

Contribution ID: **17** Type: **not specified**

Dissociative charmonia photoproduction as a signal of gluon saturation

Tuesday, 28 February 2017 10:50 (30 minutes)

Presenter: CEPILA, Jan (Czech Technical University (CZ))

Contribution ID: **18** Type: **not specified**

Gluon saturation effects in UPHIC

Tuesday, 28 February 2017 11:20 (40 minutes)

Presenter: GONÇALVES, Victor (Universidade Federal de Pelotas)

Contribution ID: **19** Type: **not specified**

Small x gluon shadowing from LHC data on coherent J/psi photoproduction

Tuesday, 28 February 2017 12:00 (30 minutes)

Presenter: CONTRERAS NUNO, Jesus Guillermo (Czech Technical University (CZ))

Contribution ID: **20** Type: **not specified**

Forward amplitude analyses in elastic hadron scattering and the TOTEM data

Tuesday, 28 February 2017 13:30 (30 minutes)

Presenter: SILVA, Paulo V.R.G. (State University of Campinas)

Contribution ID: **21** Type: **not specified**

Leading Neutron production in ep, pp and pA collisions

Tuesday, 28 February 2017 14:00 (30 minutes)

Presenter: SPIERING, Diego

Contribution ID: **22** Type: **not specified**

Exclusive diffractive processes with saturation at NLO accuracy

Tuesday, 28 February 2017 14:30 (30 minutes)

Presenter: BOUSSARIE, Renaud (IFJ Krakow)

Contribution ID: **23** Type: **not specified**

Saturation of gluon TMDs at small-x probed with forward di-jets in pA collisions

Tuesday, 28 February 2017 15:30 (40 minutes)

Presenter: MARQUET, Cyrille (CPHT - Ecole Polytechnique)

Contribution ID: **24** Type: **not specified**

Charm production in association with jets at the LHC

Tuesday, 28 February 2017 16:10 (30 minutes)

Presenter: MACIULA, Rafal (Institute of Nuclear Physics PAN)

Contribution ID: **25** Type: **not specified**

Discussions

Tuesday, 28 February 2017 16:40 (50 minutes)

Contribution ID: **26** Type: **not specified**

Heavy-flavor and quarkonia production in STAR

Wednesday, 1 March 2017 09:00 (40 minutes)

Presenter: CHALOUPKA, Petr (Czech Technical University in Prague)

Contribution ID: **27** Type: **not specified**

Colour dipole approach to Drell-Yan and heavy quarkonia production at RHIC and LHC

Wednesday, 1 March 2017 09:40 (40 minutes)

Presenter: Dr SUMBERA, Michal (Nuclear Physics Institute, Acad. of Sciences of the Czech Rep. (CZ))

Contribution ID: **28** Type: **not specified**

Double parton scattering and Poisson statistics

Wednesday, 1 March 2017 11:00 (30 minutes)

Presenter: STASZEWSKI, Rafał (IFJ PAN Cracow (PL))

Contribution ID: **29** Type: **not specified**

Gluonic hot spots and spatial correlations inside the proton

Wednesday, 1 March 2017 11:30 (30 minutes)

Presenter: SOTO ONTOSO, Alba (UGR/FIAS)

Contribution ID: **30** Type: **not specified**

Discussions

Wednesday, 1 March 2017 12:00 (30 minutes)

Contribution ID: **31** Type: **not specified**

Study of Sigma0 production in pp at 7 TeV and resonance studies at ALICE

Wednesday, 1 March 2017 13:30 (40 minutes)

Presenter: BORISSOV, Alexander (Pusan National University (KR))

Contribution ID: **32** Type: **not specified**

Open heavy flavor and quarkonia results in pp, pA and AA collisions at ALICE

Wednesday, 1 March 2017 14:10 (50 minutes)

Presenter: BRUNA, Elena (Universita e INFN Torino (IT))

Contribution ID: **33** Type: **not specified**

The ATLAS forward detector project

Wednesday, 1 March 2017 15:00 (30 minutes)

Presenter: TRZEBINSKI, Maciej (Polish Academy of Sciences (PL))

Contribution ID: **34** Type: **not specified**

Inclusive production of vector quarkonia at the LHC

Wednesday, 1 March 2017 16:00 (30 minutes)

Presenter: CISEK, Anna (University of Rzeszow)

Contribution ID: **35** Type: **not specified**

Inclusive double J/psi production at the LHC

Wednesday, 1 March 2017 16:30 (40 minutes)

Presenter: SZCZUREK, Antoni (Institute of Nuclear Physics)

Contribution ID: **36** Type: **not specified**

Discussions

Wednesday, 1 March 2017 17:10 (50 minutes)

Contribution ID: **37** Type: **not specified**

Experimental challenges for central production measurements at the LHC

Thursday, 2 March 2017 09:00 (30 minutes)

Presenter: SCHICKER, Rainer (Ruprecht-Karls-Universitaet Heidelberg (DE))

Contribution ID: **38** Type: **not specified**

GenEx - Exclusive Meson Generator

Thursday, 2 March 2017 09:30 (30 minutes)

Presenter: TRZEBINSKI, Maciej (Polish Academy of Sciences (PL))

Contribution ID: **39** Type: **not specified**

Some new results for central exclusive production in pp collisions

Thursday, 2 March 2017 10:00 (30 minutes)

Presenter: LEBIEDOWICZ, Piotr (Institute of Nuclear Physics PAN)

Contribution ID: **40** Type: **not specified**

Three pomeron exchange mechanism of four-pion continuum production in the pp → pp $\pi^+\pi^-\pi^+\pi^-$ –process

Thursday, 2 March 2017 11:00 (30 minutes)

Presenter: KYCIA, Radosław (Cracow University of Technology)

Contribution ID: **41** Type: **not specified**

Particle production and exclusive production in pp collisions in ATLAS

Thursday, 2 March 2017 11:30 (50 minutes)

Presenter: CAIRO, Valentina (Universita della Calabria (IT))

Contribution ID: **42** Type: **not specified**

Central exclusive production in LHCb

Thursday, 2 March 2017 13:30 (50 minutes)

Presenter: SANTANA RANGEL, Murilo (Federal University of of Rio de Janeiro (BR))

Contribution ID: **43** Type: **not specified**

Photoproduction of Upsilon states in UPCs at the LHC within the color dipole approach

Thursday, 2 March 2017 14:20 (40 minutes)

Presenter: MACHADO, Magno (Unknown)

Contribution ID: **44** Type: **not specified**

Double Vector Meson Production in Photon - Induced Interactions at Hadron Colliders

Thursday, 2 March 2017 15:30 (30 minutes)

Presenter: MOREIRA, Bruno

Contribution ID: **45** Type: **not specified**

Exotic Charmonium in photon-photon collisions at the LHC

Thursday, 2 March 2017 16:00 (40 minutes)

Presenter: NAVARRA, Fernando

Contribution ID: **46** Type: **not specified**

The Challenge of Understanding QCD

Thursday, 2 March 2017 16:40 (50 minutes)

Presenter: GLAZEK, Stanislaw

Contribution ID: **47** Type: **not specified**

Jet-gap-jet: studies of gap survival factor

Friday, 3 March 2017 09:00 (30 minutes)

Presenter: BABIARZ, Izabela

Contribution ID: **48** Type: **not specified**

Diffractive dijet production at the k_t -factorization approach

Friday, 3 March 2017 09:30 (30 minutes)

Presenter: LUSZCZAK, Marta (University of Rzeszow)

Contribution ID: **49** Type: **not specified**

Particle production and QGP effects in pp and pA with the DIPSY generator

Friday, 3 March 2017 10:00 (40 minutes)

Presenter: BIERLICH, Christian (Lund University (SE))

Contribution ID: **50** Type: **not specified**

Discussions

Friday, 3 March 2017 11:10 (1h 20m)