

Miniworkshop difrakce a ultraperiferálních srážek

Report of Contributions

Contribution ID: 25

Type: **not specified**

Introduction

Thursday, 26 September 2019 11:00 (10 minutes)

Presenters: CONTRERAS NUNO, Guillermo; ČEPILA, Jan (CTU FNSPE)

Session Classification: Session I

Contribution ID: 26

Type: **not specified**

UPC

Thursday, 26 September 2019 11:30 (20 minutes)

Presenter: CONTRERAS NUNO, Guillermo

Session Classification: Session I

Contribution ID: 27

Type: **not specified**

Flow, correlations and all that

Thursday, 26 September 2019 11:10 (20 minutes)

Presenter: KŘÍŽKOVÁ GAJDOŠOVÁ, Katarína (CTU FNSPE)

Session Classification: Session I

Contribution ID: 28

Type: **not specified**

Wave functions

Thursday, 26 September 2019 11:50 (20 minutes)

Presenter: ČEPILA, Jan (CTU FNSPE)

Session Classification: Session I

Contribution ID: 29

Type: **not specified**

BK equation

Thursday, 26 September 2019 12:10 (20 minutes)

Presenter: MATAS, Marek (České vysoké učení technické v Praze)

Session Classification: Session I

Contribution ID: **30**

Type: **not specified**

Overview of MFT

Thursday, 26 September 2019 15:00 (20 minutes)

Presenter: CONTRERAS NUNO, Guillermo

Session Classification: Session II

Contribution ID: 31

Type: **not specified**

Overview of QC

Thursday, 26 September 2019 15:20 (15 minutes)

Presenter: KRÍŽKOVÁ GAJDOŠOVÁ, Katarína (CTU FNSPE)

Session Classification: Session II

Contribution ID: **32**

Type: **not specified**

Latest news on MFT from CERN

Thursday, 26 September 2019 15:35 (15 minutes)

Presenter: KRUPOVÁ, Diana

Session Classification: Session II

Contribution ID: 33

Type: **not specified**

Overview of FDD

Thursday, 26 September 2019 15:50 (15 minutes)

Presenter: CONTRERAS NUNO, Guillermo

Session Classification: Session II

Contribution ID: **34**

Type: **not specified**

FDD software

Thursday, 26 September 2019 16:05 (15 minutes)

Presenter: BROZ, Michal (České vysoké učení technické v Praze)

Session Classification: Session II

Contribution ID: 35

Type: **not specified**

Overview of MFT Database

Thursday, 26 September 2019 17:00 (15 minutes)

Presenter: LAVIČKA, Roman (CTU FNSPE)

Session Classification: Session III

Contribution ID: 36

Type: **not specified**

Luminosity tools

Thursday, 26 September 2019 17:15 (15 minutes)

Presenter: LAVIČKA, Roman (CTU FNSPE)

Session Classification: Session III

Contribution ID: 37

Type: **not specified**

ZDC migrations

Thursday, 26 September 2019 17:30 (15 minutes)

Presenter: HORÁK, David (České vysoké učení technické v Praze)

Session Classification: Session III

Contribution ID: **38**

Type: **not specified**

Extraction of photonuclear cross section

Thursday, 26 September 2019 17:45 (15 minutes)

Presenter: HERMAN, Tomáš (CTU FNSPE)

Session Classification: Session III

Contribution ID: **39**

Type: **not specified**

NOON

Thursday, 26 September 2019 18:00 (20 minutes)

Presenter: BROZ, Michal (České vysoké učení technické v Praze)

Session Classification: Session III

Contribution ID: 40

Type: **not specified**

Good-Walker approach

Friday, 27 September 2019 09:30 (20 minutes)

[1]

Diffraction Dissociation of Beam Particles

M. L. Good and W. D. Walker

Phys.Rev. 120 (1960) 1857-1860

<http://inspirehep.net/record/9375?ln=en>

Presenter: CONTRERAS NUNO, Guillermo

Session Classification: Session IV

Contribution ID: 41

Type: **not specified**

Diffraction Scattering and the Parton Structure of Hadrons

Friday, 27 September 2019 09:50 (20 minutes)

[2]

Diffraction Scattering and the Parton Structure of Hadrons

Miettinen, Hannu I. and Pumplin, Jon

Phys.Rev. D18 (1978) 1696

<http://inspirehep.net/record/129259?ln=en>

Presenter: MATAS, Marek (České vysoké učení technické v Praze)

Session Classification: Session IV

Contribution ID: 42

Type: **not specified**

Hotspots

Friday, 27 September 2019 10:10 (20 minutes)

[3]

Evidence of strong proton shape fluctuations from incoherent diffraction

Mäntysaari, Heikki and Schenke, Björn

Phys.Rev.Lett. 117 (2016) no.5, 052301

<http://inspirehep.net/record/1427435?ln=en>

[4]

Energy dependence of dissociative J/ψ photoproduction as a signature of gluon saturation at the LHC

Cepila, J. and Contreras, J. G. and Tapia Takaki, J. D.

Phys.Lett. B766 (2017) 186-191

<http://inspirehep.net/record/1484177?ln=en>

Presenter: BENDOVIÁ, Dagmar (CTU FNSPE)

Session Classification: Session IV

Contribution ID: 43

Type: **not specified**

Albacete's model

Friday, 27 September 2019 10:30 (20 minutes)

[5]

Hot spots and the hollowness of proton-proton interactions at high energies

Albacete, Javier L. and Soto-Ontoso, Alba

Phys.Lett. B770 (2017) 149-153

<http://inspirehep.net/record/1466318?ln=en>

[6]

Correlated wounded hot spots in proton-proton interactions

Albacete, Javier L. and Petersen, Hannah and Soto-Ontoso, Alba

Phys.Rev. C95 (2017) no.6, 064909

<https://inspirehep.net/record/1504989?ln=en>

Presenter: HERMAN, Tomáš (CTU FNSPE)

Session Classification: Session IV

Contribution ID: 44

Type: **not specified**

Hot spots and symmetric cumulants

Friday, 27 September 2019 11:30 (20 minutes)

[7]

Symmetric cumulants as a probe of the proton substructure at LHC energies

Javier L. Albacete Petersen Alba Soto-Ontoso

Phys.Lett. B778 (2018) 128-136

<http://inspirehep.net/record/1610450?ln=en>

Presenter: HORÁK, David (České vysoké učení technické v Praze)

Session Classification: Session V

Contribution ID: 45

Type: **not specified**

Hot spot and flow

Friday, 27 September 2019 11:50 (20 minutes)

[8]

Imprints of fluctuating proton shapes on flow in proton-lead collisions at the LHC

Mäntysaari, Heikki and Schenke, Björn and Shen, Chun and Tribedy, Prithwish

Phys.Lett. B772 (2017) 681-686

<http://inspirehep.net/record/1598626?ln=en>

Presenter: FÍLOVÁ, Vendulka (CTU FNSPE)

Session Classification: Session V

Contribution ID: 46

Type: **not specified**

Correlations in UPC according to ATLAS

Friday, 27 September 2019 12:10 (20 minutes)

Two-particle azimuthal correlations in photo-nuclear ultra-peripheral Pb+Pb collisions at 5.02 TeV with ATLAS

ATLAS Collaboration

ATLAS-CONF-2019-022

Presenter: LAVIČKA, Roman (CTU FNSPE)

Session Classification: Session V

Contribution ID: 47

Type: **not specified**

Discussion: hot spots + UPC + correlations/flow?

Friday, 27 September 2019 12:30 (20 minutes)

Presenter: CONTRERAS NUNO, Guillermo

Session Classification: Session V