

Day of Femtoscopy (A femtoszkópia napja)

Report of Contributions

Contribution ID: 6

Type: **not specified**

Welcome by the Director of MATE Károly Róbert Campus

Tuesday 15 November 2022 09:00 (5 minutes)

Welcome by Professor Zoltán Bujdosó, director of MATE Károly Róbert Campus

Summary

Presenter: Dr BUJDOSÓ, Zoltán

Session Classification: Welcome, Opening and Odderon

Contribution ID: 28

Type: **not specified**

Highlights from PHENIX

Tuesday 15 November 2022 16:50 (25 minutes)

Based on a PHENIX talk at the EuNPC conference <https://indico.cern.ch/event/1104299/contributions/5055306/>

Summary

Presenter: CSANAD, Mate (Eotvos University, Budapest)

Session Classification: Discussion section: Levy femtoscopy in various experiments and other recent results

Contribution ID: 37

Type: **not specified**

Model-independent Results on the Observation of Odderon Exchange at 8 TeV

Tuesday 15 November 2022 09:05 (30 minutes)

Summary

Presenter: Prof. CSÖRGŐ, Tamás (EKE KRC and Wigner RCP, Budapest and Gyöngyös, Hung)

Session Classification: Welcome, Opening and Odderon

Contribution ID: 38

Type: **not specified**

Probing the proton structure through elastic proton-proton scattering

Tuesday 15 November 2022 11:00 (30 minutes)

Summary

Presenter: Prof. PASECHNIK, Roman (Lund University, Lund, Sweden)

Session Classification: Diffraction at TeV energies

Contribution ID: 49

Type: **not specified**

Investigation of the Two-Particle Source Function at 2.76 TeV with EPOS

Tuesday 15 November 2022 15:55 (25 minutes)

Summary

Presenter: Mr KÓRODI, Balázs (Eötvös University, Budapest)

Session Classification: Levy Femtoscopy: Bose-Einstein Correlations in PHENIX, CMS and NA61

Contribution ID: 52

Type: **not specified**

Observation of Odderon Effects at 8 TeV in the ReBB model - Odderon exchange is a certainty

Tuesday 15 November 2022 09:35 (25 minutes)

Summary

Presenter: SZANYI, István (Eötvös Loránd University)

Session Classification: Welcome, Opening and Odderon

Contribution ID: 53

Type: **not specified**

Single, double and central diffractive dissociation at LHC energies

Tuesday 15 November 2022 12:00 (30 minutes)

Presenter: Prof. JENKOVSZKY, Laszlo (National Academy of Sciences of Ukraine)

Session Classification: Diffraction at TeV energies

Contribution ID: 56

Type: **not specified**

Pomeron and Odderon from the ReBB model

Tuesday 15 November 2022 11:30 (30 minutes)

Summary

Presenter: SZANYI, István (Eötvös Loránd University)

Session Classification: Diffraction at TeV energies

Contribution ID: 58

Type: **not specified**

A Levy generalization of the Phillips-Barger model and its applications at LHC energies

Tuesday 15 November 2022 14:30 (30 minutes)

Summary

Presenter: STER, Andras (KFKI-RMKI)

Session Classification: Levy Femtoscopy: Bose-Einstein Correlations in PHENIX, CMS and NA61

Contribution ID: 59

Type: **not specified**

Levy HBT at NA61/SHINE (protected)

Tuesday 15 November 2022 15:30 (25 minutes)

Based on WPCF 2022 talk <https://indico.frib.msu.edu/event/50/contributions/1159/>

Summary

Presenter: PORFY, Barnabas (Wigner Research Centre for Physics (Wigner RCP) (HU))

Session Classification: Levy Femtoscopy: Bose-Einstein Correlations in PHENIX, CMS and NA61

Contribution ID: **60**

Type: **not specified**

Evolution equation for elastic scattering of hadrons

Tuesday 15 November 2022 10:00 (30 minutes)

Based on <https://indico.cern.ch/event/1148802/contributions/4978533/>

Presenter: KENDI, Anderson

Session Classification: Welcome, Opening and Odderon

Contribution ID: 61

Type: **not specified**

Centrality dependent Lévy analysis of two-pion Bose-Einstein correlation functions at $\sqrt{s_{NN}} =$ 200 GeV at PHENIX

Tuesday 15 November 2022 12:30 (30 minutes)

Based on a recent talk at the EuNPC conference, https://indico.cern.ch/event/1104299/contributions/5055308/attachments/231111/231112/eunpc2022_v2.pdf

Presenter: NOVAK, Tamas

Session Classification: Diffraction at TeV energies

Contribution ID: 63

Type: **not specified**

Bose-Einstein correlations of charged kaons produced by $\sqrt{s_{NN}} = 200$ GeV Au+Au collisions at the STAR experiment

Tuesday 15 November 2022 17:30 (25 minutes)

Based on a recent talk at WPCF 2022: <https://indico.frib.msu.edu/event/50/contributions/1157/attachments/271/1605/kincses.pdf>

Presenters: KINCSES, Dániel (Eötvös Loránd University); KINCSES, Dániel (Eötvös Loránd University Budapest)

Session Classification: Discussion section: Levy femtoscopy in various experiments and other recent results

Contribution ID: 64

Type: **not specified**

New, Spherical Solutions of Non-Relativistic, Dissipative Hydrodynamics

Tuesday 15 November 2022 17:55 (25 minutes)

Presentation of a Feature Paper, published in the MDPI journal Entropy as:
Entropy 2022, 24(4), 514; <https://doi.org/10.3390/e24040514>

Summary

Presenter: KASZA, Gábor (MATE and Wigner)

Session Classification: Discusssion section: Levy femtoscopy in various experiments and other recent results

Contribution ID: 65

Type: **not specified**

Charged particle pseudorapidity distributions measured with the STAR EPD

Tuesday 15 November 2022 17:15 (15 minutes)

Material of <https://indico.frib.msu.edu/event/50/contributions/1174/>

Presenter: Mr MOLNÁR, Mátyás (Eötvös Loránd University)

Session Classification: Discusssion section: Levy femtoscopy in various experiments and other recent results