

# **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. JENKOVSKY, 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](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>

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