

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 31 October 2023 10:30 (5 minutes)

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

Summary

Presenter: Dr BUJDOSÓ, Zoltán

Session Classification: Discussion and brainstorming on new projects and new applications of (generalized) Levy-stable distributions

Contribution ID: 37

Type: **not specified**

Cross-checking Odderon signals at small $-t$ and a strong form of Pomeranchuk's theorem

Monday 30 October 2023 09:00 (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**

Model independent Odderon results based on TOTEM data at 8 TeV

Monday 30 October 2023 11:00 (30 minutes)

Summary

Presenter: STER, Andras (KFKI-RMKI)

Session Classification: Diffraction at TeV energies

Contribution ID: 49

Type: **not specified**

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

Monday 30 October 2023 15:00 (30 minutes)

Summary

Presenter: Mr KÓRODI, Balázs (Ohio State University, Columbus)

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

Contribution ID: 52

Type: **not specified**

Dip-bump structures in elastic pp scattering and single diffractive dissociation

Monday 30 October 2023 10:00 (30 minutes)

Summary

Presenter: SZANYI, István (Eötvös Loránd University)

Session Classification: Welcome, Opening and Odderon

Contribution ID: 56

Type: **not specified**

Levy alpha-stable model for the non-exponential low -t region of elastic pp scattering

Monday 30 October 2023 11:30 (30 minutes)

Summary

Presenter: SZANYI, István (Eötvös Loránd University)

Session Classification: Diffraction at TeV energies

Contribution ID: 57

Type: **not specified**

Evaluation of the thermal photon radiation from the CKCJ solution of relativistic hydrodynamics

Monday 30 October 2023 14:30 (30 minutes)

Summary

Presenter: KASZA, Gábor

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

Contribution ID: **60**

Type: **not specified**

Dip structures in proton diffractive dissociation

Monday 30 October 2023 09:30 (30 minutes)

Summary

Presenters: JENKOVSKY, Laszlo; JENKOVSKY, Laszlo (National Academy of Sciences of Ukraine)

Session Classification: Welcome, Opening and Odderon

Contribution ID: **61**

Type: **not specified**

Detailing the Odderon effect with numerical examples at 8 TeV

Monday 30 October 2023 12:00 (30 minutes)

Summary

Presenter: NOVAK, Tamas

Session Classification: Diffraction at TeV energies

Contribution ID: 66

Type: **not specified**

A novel method for calculating Bose-Einstein correlation functions with Coulomb final-state interaction

Monday 30 October 2023 14:00 (30 minutes)

Presenter: NAGY, Marton (Eotvos Lorand University (HU))

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

Contribution ID: 67

Type: **not specified**

Femtoscopy with Lévy sources from SPS through RHIC to LHC

Monday 30 October 2023 13:30 (30 minutes)

Presenter: CSANAD, Mate (Eotvos University, Budapest)

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

Contribution ID: 68

Type: **not specified**

Model-independent femtoscopic methods with possible practical applications

Tuesday 31 October 2023 10:35 (25 minutes)

Presenter: CSORGO, Tamas (MATE Institute of Technology Karoly Robert Campus (HU))

Session Classification: Discussion and brainstorming on new projects and new applications of (generalized) Levy-stable distributions

Contribution ID: 69

Type: **not specified**

Open questions in Agriculture, Life Sciences and Economy

Tuesday 31 October 2023 11:00 (30 minutes)

Presenter: Prof. LAKNER, Zoltán

Session Classification: Discussion and brainstorming on new projects and new applications of (generalized) Levy-stable distributions

Contribution ID: 70

Type: **not specified**

Discussion on possible new projects

Tuesday 31 October 2023 11:30 (30 minutes)

Presenters: CSORGO, Tamas (MATE Institute of Technology Karoly Robert Campus (HU)); LAKNER, Zoltán

Session Classification: Discussion and brainstorming on new projects and new applications of (generalized) Levy-stable distributions

Contribution ID: 71

Type: **not specified**

ISMD open issues

Monday 30 October 2023 16:00 (20 minutes)

- Awards
- Press
- Proceedings
- Reports A.O.B

Presenter: CSORGO, Tamas (MATE Institute of Technology Karoly Robert Campus (HU))

Session Classification: Discussion section:

Contribution ID: 72

Type: **not specified**

Open topics in diffraction

Monday 30 October 2023 16:20 (20 minutes)

Discussion of already evaluated but not yet published projects on diffraction and odderon search in particular

Presenter: CSORGO, Tamas (MATE Institute of Technology Karoly Robert Campus (HU))

Session Classification: Discussion section:

Contribution ID: 73

Type: **not specified**

Open topics in hydro

Monday 30 October 2023 16:40 (20 minutes)

Discussion of open projects in exact analytic solutions of

- non-relativistic hydro
- relativistic hydro

Presenter: CSORGO, Tamas (MATE Institute of Technology Karoly Robert Campus (HU))

Session Classification: Discussion section:

Contribution ID: 74

Type: **not specified**

Open projects in Levy analysis in high energy particle and heavy ion physics

Monday 30 October 2023 17:00 (20 minutes)

Presenter: CSANAD, Mate (Eotvos University, Budapest)

Session Classification: Discussion section:

Contribution ID: 75

Type: **not specified**

A.O.B.

Monday 30 October 2023 17:20 (10 minutes)

Any other open projects (already started but not published yet)

Discussion for all

Session Classification: Discussion section: