

Day of Femtoscopy (A femtoszkópia napja)

Report of Contributions

Contribution ID: 6

Type: **not specified**

Welcome by the Vice-Rector of Szent István University

Thursday 29 October 2020 09:00 (5 minutes)

Welcome by Professor László Palkovics, vice-rector of the Szent István University

Summary

Presenter: Prof. PALKOVICS, László (vice-rector, Szent István University)

Session Classification: Welcome, Opening and Odderon

Contribution ID: 28

Type: **not specified**

A new family of solutions of relativistic dissipative hydrodynamics

Thursday 29 October 2020 11:20 (20 minutes)

Based on 1909.02498 [nucl-th]

Summary

Presenter: CSANAD, Mate (Eotvos University, Budapest)

Session Classification: Theoretical results on hydrodynamics

Contribution ID: 29

Type: **not specified**

The effect of a Hubble expanding hadron gas on quantumstatistical correlations

Thursday 29 October 2020 15:00 (20 minutes)

Summary

Presenter: Dr MUKHERJEE, Ayon (Eötvös University, Budapest)

Session Classification: Bose-Einstein correlations and femtoscopy

Contribution ID: **30**

Type: **not specified**

Baryon polarization in analytic hydrodynamics

Thursday 29 October 2020 11:40 (20 minutes)

Based on <https://arxiv.org/abs/1910.04660> and <https://arxiv.org/abs/1909.02498>

Summary

Presenter: Dr NAGY, Marci (ELTE, Budapest, Hungary)

Session Classification: Theoretical results on hydrodynamics

Contribution ID: **33**

Type: **not specified**

Coulomb interactions for Levy sources

Thursday 29 October 2020 14:20 (20 minutes)

Summary

Presenter: KURGYIS, Bálint (SLAC, Stanford, USA)

Session Classification: Bose-Einstein correlations and femtoscopy

Contribution ID: 36

Type: **not specified**

New results on Odderon search using the Bialas-Bzdak model

Thursday 29 October 2020 10:40 (20 minutes)

Based on <https://arxiv.org/pdf/2005.14319.pdf> and other recent results

Summary

Presenter: Mr SZANYI, Istvan (ELTE and Wigner RCP, Budapest, Hungary)

Session Classification: Welcome, Opening and Odderon

Contribution ID: 37

Type: **not specified**

Observation of Odderon - Model Independent Results

Thursday 29 October 2020 09:05 (25 minutes)

based on <https://arxiv.org/abs/2004.07318>

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**

Recent advances in exploration of the scaling properties of elastic pp collisions

Thursday 29 October 2020 09:30 (30 minutes)

Based on <https://arxiv.org/abs/1912.11968> and other recent results

Summary

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

Session Classification: Welcome, Opening and Odderon

Contribution ID: 39

Type: **not specified**

Scaling properties of elastic pp and pbarp scattering - H(x) and A(x) comparisons

Thursday 29 October 2020 10:00 (20 minutes)

New results on the asymmetry parameter $A(x)$ supporting the previous two talks.

Summary

Presenter: Mr STER, András (Wigner RCP, Budapest, Hungary)

Session Classification: Welcome, Opening and Odderon

Contribution ID: 40

Type: **not specified**

Detailing the Odderon-effect: numerical examples

Thursday 29 October 2020 10:20 (20 minutes)

Summary

Presenter: Dr NOVÁK, Tamás (EKE KRC, Gyöngyös, Hungary)

Session Classification: Welcome, Opening and Odderon

Contribution ID: 43

Type: **not specified**

Levy femtoscopy with EPOS

Thursday 29 October 2020 14:40 (20 minutes)

Summary

Presenter: Mr KINCSES, Dániel (Eötvös Loránd University Budapest)

Session Classification: Bose-Einstein correlations and femtoscopy

Contribution ID: 45

Type: **not specified**

Exact solutions of the Navier-Stokes Equations for Ellipsoidally Expanding, non-relativistic fireballs

Thursday 29 October 2020 12:20 (20 minutes)

Summary

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

Session Classification: Theoretical results on hydrodynamics

Contribution ID: 46

Type: **not specified**

New results on exact solutions of relativistic dissipative hydrodynamics

Thursday 29 October 2020 12:00 (20 minutes)

Presenter: Mr KASZA, Gábor (SzIE KRC and Wigner RCP)

Session Classification: Theoretical results on hydrodynamics

Contribution ID: 48

Type: **not specified**

Centrality Dependent Levy Femtoscopy in PHENIX

Thursday 29 October 2020 14:00 (20 minutes)

Summary

Presenter: LÖKÖS, Sándor (Eötvös University Budapest and SzIE KRC, Gyöngyös)

Session Classification: Bose-Einstein correlations and femtoscopy

Contribution ID: 49

Type: **not specified**

Study of pair cuts for Lévy HBT in CMS PbPb collisions

Thursday 29 October 2020 15:20 (20 minutes)

Summary

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

Session Classification: Bose-Einstein correlations and femtoscopy

Contribution ID: 50

Type: **not specified**

Status of the Odderon search in the joint D0-TOTEM analysis

Thursday 29 October 2020 16:30 (20 minutes)

Based on recent and already presented results

Summary

Presenter: NEMES, Frigyes János (CERN, Geneve, SzIE KRC Gyöngyös and Wigner RCP Budapest)

Session Classification: Odderon at CERN LHC and TOTEM results

Contribution ID: 51

Type: **not specified**

Discussion: All results presented in the morning sections

Thursday 29 October 2020 12:40 (20 minutes)

Informal discussions, brainstorming

Session Classification: Theoretical results on hydrodynamics