

Session Program

21-26 Aug 2023



52nd International Symposium on Multiparticle Dynamics (ISMD 2023)

Multiparticle correlations and fluctuations

MATE KRC
H-3200 Gyöngyös, Mátrai út 36, Hungary

Tuesday 22 August

11:00

Multiparticle correlations and fluctuations: A

Session | **Location:** MATE KRC, H-3200 Gyöngyös, Mátrai út 36, Hungary | **Convener:** Prof. Alejandro Ayala

11:00–11:20 **Exploring strongly interacting matter in heavy-ion collisions**

Speaker

Prof. Masakiyo Kitazawa

11:20–11:40

Thermal model interpretation of particle production in pp interactions around $\sqrt{s} \simeq 10$ GeV

Speaker

Prof. Tomek Matulewicz

11:40–12:00

Experimental study of finite density matter at J-PARC

Speaker

Prof. Kyoichiro Ozawa

12:00–12:15

Recent developments in angular correlations of identified particles (experiment & theory)

Speaker

Dr Lukasz Kamil Graczykowski

12:15–12:30

Forward-backward correlations with the Σ quantity in the wounded-constituent framework ..

Speaker

Dr Iwona Anna Sputowska

12:30

Friday 25 August

09:00

Multiparticle correlations and fluctuations: B

Session | **Location:** MATE KRC, H-3200 Gyöngyös, Mátrai út 36, Hungary | **Convener:** Prof. Megumi Naruki

09:00–09:20

Diquarks and heavy hadron production in heavy ion collisions

Speaker

Prof. Su Houng Lee

09:20–09:40

Methods and Results on Conserved-Charge Fluctuations from RHIC-BES and FXT

Speaker

Dr Toshihiro Nonaka

09:40–10:00

Multiparton picture of harmonic flow decorrelation in rapidity in pp collisions at the LHC

Speaker

Prof. Wojciech Broniowski

10:00–10:15

A quantum generalization of the Cooper-Frye formula

Speaker

Dr Dmitry Anchishkin

10:15–10:30

Search for New Physics with Multiparticle Correlations and Cosmological Analogies

Speaker

Prof. Edward Sarkisyan-Grinbaum

10:30