

Session Program

21-26 Sept 2025

53rd International Symposium on Multiparticle Dynamics (ISMD 2025)

***Collectivity in high energy collisions: jets,
flows, and other mechanisms***

Mon Repos
Corfu, Greece

Monday 22 September

15:20

Collectivity in high energy collisions: jets, flows, and other mechanisms: (4)

Session | Location: Mon Repos, Corfu, Greece | Conveners: Austin Alan Baty, Yuuka Kanakubo

15:20-15:45

Probing QCD collectivity at the smallest scale through high multiplicity jets in pp collisions at CMS

Speaker

Xiaoyu Liu

15:45-16:10

Modelling heavy-ion collisions at RHIC BES energies with fluid dynamics

Speaker

Dr Iurii Karpenko

16:10-16:35

Imprint of light and heavy nuclear structures in relativistic ion collisions

Speaker

Hadi Mehrabpour

16:35-17:00

Hot QCD matter probed via measurements of the speed of sound with CMS

Speaker

Sandra Padula

17:00

17:30

Collectivity in high energy collisions: jets, flows, and other mechanisms: (4)

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17:30-17:55

Two- and three-particle femtoscopy in small collision systems at LHCb

Speaker

Izabela Juszczak

17:55-18:20

Insights into the Baryon Correlation Puzzle via Angular Correlation Studies with ALICE

Speaker

Malgorzata Anna Janik

18:20-18:45

Azimuth quadrupole pt spectra inferred from differential Pb-Pb PID v2(pt) data

Speaker

Thomas Trainor

18:45-19:10

Imprint of Light Nuclei Structure in Fixed-target Relativistic Nuclear Collisions

19:10

Speaker
Zhiyong Lu

Tuesday 23 September

09:00

Collectivity in high energy collisions: jets, flows, and other mechanisms: (4)

Session | Location: Mon Repos, Corfu, Greece | Conveners: Austin Alan Baty, Yuuka Kanakubo

09:00-09:25 Flow measurements at LHCb

Speaker

Samuel Belin

09:25-09:50 sPHENIX Measurements of Bulk Properties and Collectivity at RHIC

Speaker

Yuko Sekiguchi

09:50-10:15

Thermal Radiation from an Analytic Hydrodynamic Model with Hadronic and QGP Sources in Heavy-Ion Collisions

Speaker

Gábor Kasza

10:15-10:40 Dynamical Effects in the Nuclear Modification Factor R_{AA}

Speaker

Airton Deppman

10:40

Collectivity in high energy collisions: jets, flows, and other mechanisms: (1)

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11:10-11:35

Asymmetric muon-antimuon emission from Z0 decays: a clear magnetometer in relativistic heavy-ion collisions

Speaker

Ana Mizher

11:35

Thursday 25 September

17:55

Collectivity in high energy collisions: jets, flows, and other mechanisms: (2)

Session | Location: Mon Repos, Corfu, Greece

17:55-18:20

Light ions at the LHC: early results from the Oxygen and Neon runs and future prospects

Speaker

Riccardo Longo

18:20-18:45

Comparing Tsallis and Boltzmann temperatures in relativistic HICs at intermediate energies by

Speaker

Larisa Bravina

18:45