

**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)

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

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 $v_2(pt)$ 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

11:10

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

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

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