

## Session Program

13-19 May 2018



## Quark Matter 2018

### *New theoretical developments*

Venice, Italy  
Palazzo del Cinema and Palazzo del Casinò, Lido di Venezia, Italy

## Wednesday 16 May

09:00

### New theoretical developments: I

**Session** | **Location:** Palazzo del Casinò, Sala Casinò, 1st Floor | **Convener:** Sangyong Jeon

09:00–09:20 **Anomalous hydrodynamics from projection operator method**

**Speaker**

Masaru Hongo

09:20–09:40 **Hydrodynamization and Attractors at Intermediate Coupling**

**Speaker**

Ben Meiring

09:40–10:00

**Analytical solutions of causal relativistic hydrodynamic equations for Bjorken and Gubser flow**

**Speaker**

Chandroday Chattopadhyay

10:00–10:20 **(3+1)D Viscous Anisotropic Hydrodynamics for Nonconformal Fluids**

**Speaker**

Mike McNelis

10:20–10:40

**A resummed method of moments for the relativistic hydrodynamic expansion**

**Speaker**

Leonardo Tinti

10:40

14:40

### New theoretical developments: II

**Session** | **Location:** Palazzo del Casinò, Sala Mosaici-1, 3rd Floor | **Convener:** Raju Venugopalan

14:40–15:00

**Characterizing hydrodynamical fluctuations in heavy-ion collisions from effective field theory approach**

**Speaker**

Dr Pak Hang Lau

15:00–15:20 **Applications of deep learning in relativistic hydrodynamics**

**Speaker**

Hengfeng Huang

15:20–15:40

**Holographic description of quarkonium dissociation in nonequilibrium strongly interacting matter**

**Speaker**

Pietro Colangelo

15:40–16:00

**Particle production in high energy collisions: from high to low pt and back**

**Speaker**

Jamal Jalilian-Marian

16:00–16:20

**All-opacity gluon spectrum for jet physics at the EIC**

**Speaker**

Matthew Sievert

16:20