

Session Program

6-12 Apr 2025



Quark Matter 2025

Parallel session 24

Goethe University Frankfurt, Campus Westend, Theodor-W.-Adorno-Platz 1, 60629 Frankfurt am Main, Germany

Tuesday 8 April

16:10

Parallel session 24: New theoretical developments II

Session | **Location:** Goethe University Frankfurt, Campus Westend, Hörsaalzentrum, HZ 6 | **Convener:** Owe Philipsen

16:10-16:30 **Limit cycle of hydrodynamic attractor in ultracold quantum gases**

Speaker

Dr Aleksas Mazeliauskas

16:30-16:50 **Finite density lattice QCD without extrapolations**

Speaker

Ludovica Pirelli

16:50-17:10 **A new effective theory for stochastic relativistic hydrodynamics**

Speaker

Nicki Mullins

17:10-17:30 **Nonlinear dynamics of jet quenching**

Speaker

Dr Yacine Mehtar-Tani

17:30-17:50 **Machine learning approach to QCD kinetic theory**

Speaker

Sergio Barrera Cabodevila

17:50-18:10 **Stochastic Hydrodynamics and the Density Frame**

Speaker

Derek Teaney

18:10-18:30

Universal critical dynamics near the chiral phase transition and the QCD critical point

Speaker

Yunxin Ye

18:30