

Session Program

6-12 Apr 2025



Quark Matter 2025

Parallel session 35

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

Wednesday 9 April

11:10

Parallel session 35: QCD phase diagram & critical point III

Session | **Location:** Goethe University Frankfurt, Campus Westend, Hörsaalzentrum, HZ 6 | **Convener:** Dr Anar Rustamov

11:10-11:30

Proton High-order Cumulants Results from the STAR Fixed-Target Program

Speaker

Zachary Sweger

11:30-11:50

The antiproton puzzle, QCD critical point, and fireball properties in heavy-ion collisions

Speaker

Dr Volodymyr Vovchenko

11:50-12:10

First order transition region of an equation of state for QCD with a critical point

Speaker

Jamie Karthein

12:10-12:30

Non-Fluctuational Signature of the QCD Critical Point

Speaker

Noriyuki Sogabe

12:30-12:50

Higher order net-baryon number cumulants and baryon-strangeness correlations: Comparing QCD results on the pseudo-critical line with RHIC-BES II results on the freeze-out line

Speaker

Jishnu Goswami

12:50