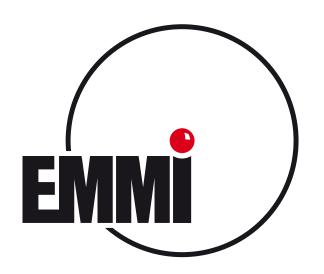
ExtreMe Matter Institute EMMI

EMMI Workshop

Collective phenomena and the Equation-of-State of dense baryonic matter

November 10-13, 2025 SB1 & KBW Lecture Hall, GSI Darmstadt, Germany



Welcome

Scientific Programm

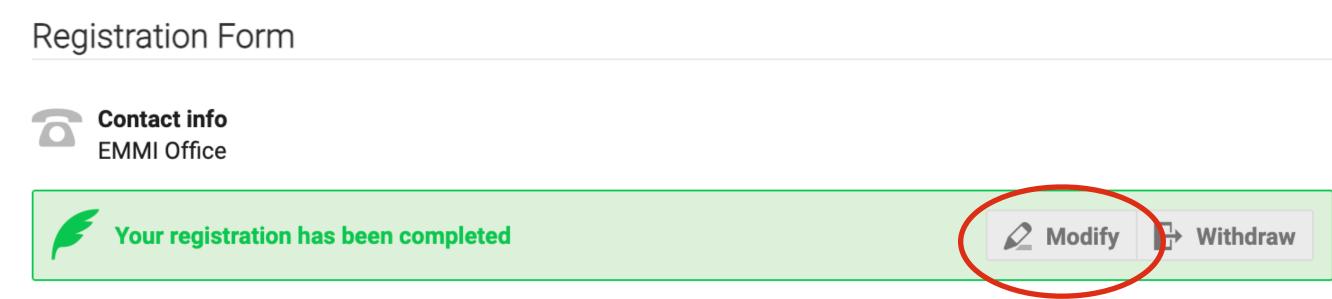
- Collective Observables: Flow, femtoscopy, and dilepton measurements in heavy-ion collisions probe the high-density nuclear EoS.
- **Theoretical Modeling:** Hydrodynamic and transport models, including symmetry energy effects, interpret observables and constrain the EoS.
- Multi-Messenger Studies: Neutron star observations and gravitational waves complement experiments
 to refine our understanding of dense nuclear matter.
- zoom-broadcasting: link provided to all registered participants
- 25+5 minutes talks plus additional 30 minutes discussion/wrap-up session
- Please note: two different lecture halls are used:
 - SB1 (here) on Mondays and Tuesdays
 - KBW (next to guests entrance) on Wednesdays and Thursdays.

Programm

- Coffee: outside the conference room
- Lunch: Canteen in the next building
- Welcome Reception: Monday 18:00 at Canteen (next building)
- **GSI-FAIR Colloquium:** Tuesday 16:15 here in SB1 Lecture Hall Jan Pawlowski (Heidelberg University): QCD Under Extreme Conditions https://indico.gsi.de/event/23372/
- Workshop Group photo: Wednesday 12:10
 between the Canteen building and the Guesthouse

Workshop Dinner

- Wednesday evening, 12 November, starting at 19:00 at the Shiraz restaurant in Darmstadt-City. https://shiraz-restaurant.de/
- Bus Shuttle leaving sharp at 18:00 from GSI
 Bus stop in front of the KBW building
- Returning at 22:00 from the Restaurant to GSI with an intermediate stop at Darmstadt Mainstation.
- Please indicate if you attend the dinner and use the bus service in the Indico registration. Only limited seats left.







What else?

EMMI Code of Conduct:

- We are committed to a workshop atmosphere that supports open scientific exchange
- And is free from discrimination, harassment, and retaliation

Looking forward to hopefully interesting and fruitful sessions,

Enjoy the workshop!

Jaki, Tom and Behruz