



**UNIVERSITÄT  
BIELEFELD**

Fakultät für Physik

# Physikalisches Kolloquium

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## Study of the QCD Phase Structure in High-Energy Nuclear Collisions

In this talk, I will report recent progresses in the RHIC beam energy scan program and the status of the search for the QCD critical point. Physics issues on high-order correlations, hyper-nuclei production at high baryon density and the thermalization in high-energy collisions will be the focus of the discussion. Finally, physics potentials with future facilities will be addressed.

**Tuesday, June 6, 2023, 2:15 p.m.**

**H6**