

XXVIth International Baldin Seminar on High Energy Physics Problems  
"Relativistic Nuclear Physics and Quantum Chromodynamics"



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## 25 years of heavy-ion physics at the RHIC

*Tuesday 16 September 2025 11:40 (40 minutes)*

The Relativistic Heavy Ion Collider (RHIC), located at Brookhaven National Laboratory, is celebrating its 25th year of operation, making a significant contribution in nuclear physics research. Over the past 25 years, RHIC has been instrumental in studying fundamental aspects of matter by colliding a variety of atomic nuclei, from protons to uranium, at different energies from 3 to 200 GeV, providing a broad spectrum of data for analysis. In this presentation I will review some of the key results from the RHIC heavy-ion physics program.

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**Track Classification:** Progress in experimental studies in high energy centers - JINR, CERN, BNL, JLAB, GSI, etc.