

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



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on High Energy Physics Problems
Relativistic Nuclear Physics & Quantum Chromodynamics

September 18 - 23, 2023, Dubna, Russia

Contribution ID: 93

Type: **not specified**

Experimental research at the JINR Synchrophasotron (on the occasion of the 70th anniversary of the V.I. Veksler and A.M. Baldin Laboratory for High Energy Physics)

Monday, 18 September 2023 10:15 (40 minutes)

Cosmic ray research at the Physical Institute of the USSR Academy of Sciences motivated the construction of the Synchrophasotron. For this purpose, the Electrophysical Laboratory of the USSR Academy of Sciences was founded in 1953, which became part of JINR in 1956. The most important milestones in the development of the Synchrophasotron itself and experiments on it are presented. Lessons and results that remain relevant to this day are noted. Leaders and key participants are mentioned.

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Session Classification: Plenary