

RHIC Run24 Preparations

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January 9, 2024

RHIC schedule

Key dates	Event
January 8, 2024	Booster on for NSRL
January 28, 2024 through February 4, 2024	AGS Checkout
February 5, 2024	Start AGS setup
February 12 through February 16, 2024	RHIC dry run
March 4, 2024 through September 2, 2024	RHIC run (26 weeks)

RHIC startup schedule is [here](#), by T. Shrey.

RHIC run schedule is [here](#), by C. Giorgio.

RHIC run webpage is [here](#), by K. Hock.

Run Preparations

In RHIC

- Lattice development is underway with (GRD).
 - ▶ Investigating a 50 cm β^* at IP8 to improve luminosity.
 - ▶ Verify aperture with crossing angle (aperture is good).
 - ▶ Lattice development will influence items #2 and 3.
- Beam-beam effects with crossing angle simulations (X. Gu and Y. Luo).
 - ▶ Preliminary results show significant tune shift suppression from crossing angles.
- Dynamic aperture simulations with crossing angle simulations (X. Gu and Y. Luo).

In AGS

- All skew quad magnets have been received.
- One power supply received and the second is in transit.