

## **RHIC Maintenance and Upgrades**

### *Abstract*

Periodic maintenance and upgrades to the Relativistic Heavy Ion Collider (RHIC) of the Collider-Accelerator Complex continue at Brookhaven National Laboratory. Recent upgrades include the commissioning of the Electron Beam Ion Source (EBIS), addition of Stochastic Cooling, and modifications to RF systems, and cryogenic oxygen deficiency hazard (ODH) prevention systems. The vacuum design, installation and commissioning of these systems will be discussed.