

**The Beams and Applications Seminar Series**

# **Status and Plans for the RIKEN Radioactive Beam Factory**

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**Bldg. 203, Room R-150  
Friday, March 05, 1:30 PM**

Host: Jerry Nolen, PHY

The Nishina Center at RIKEN in Japan has an accelerator complex that provides ion beams for basic research in nuclear physics. This complex includes the world's largest cyclotron and can deliver ion beams up to uranium with beam energies of 345 MeV per nucleon. The present status and near-term plans of this facility, the Radioactive Ion Beam Factory (RIBF), will be presented. The talk will include the test results of uranium beam acceleration from a new superconducting ECR ion source and the status of the charge-stripper developments. An overview of the new linac injector, exclusively used for the RIBF, will be also given.

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