

Project Title:

Beam dynamics simulation in accelerators

Name: Andreas Adelman

Laboratory at RIKEN: Accelerator R&D Team

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We have a plan to study space charge effect in the low-energy ring cyclotron of RIBF accelerator complex using OPAL (Object Oriented Parallel Accelerator Library). In FY 2014 we could successfully installed OPAL into the HPC. Unfortunately there was not enough time to perform science runs in 2011. I have a plan to visit RIKEN after a conference at Kyushu University in 2015 to continue the discussion with the team members.