

Project Title:

Beam dynamics simulation in accelerators

Name:

Andreas Adelman

Laboratory at RIKEN:

Accelerator R&D team

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Description of the project

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 2017. I have a plan to visit RIKEN in 2018 to continue the discussion with the team members.