

Project Title:

Beam dynamics simulation in accelerators

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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 2010 we could accomplish the non trivial program installation of OPAL. Unfortunately there was not enough time to perform science runs in 2010 and 2011. I have a plan to visit RIKEN after a conference at China to continue the installation in 2013.