



LBNL Nuclear Physics Forum

Thursday, April 6, 2015 @ 11:00 am

Building 88 Lounge (2nd floor)

Cookies and coffee available from 10:15am

Prof. Nori Aoi

RCNP, Osaka University

“Recent Activity at RCNP”

Cyclotron Facility at Research Center for Nuclear Physics (RCNP), Osaka University is a national Joint Usage/Research Center promoting nuclear science as well as application researches. The Cyclotron Facility is equipped with a K140 AVF Cyclotron and a K400 Ring Cyclotron having capability to accelerate proton beams up to 400 MeV and light heavy-ions with typical energies up to 100 AMeV. The light ion beams low emittance including polarized proton beams are intensively used for the study of electro-magnetic and spin/isospin responses of a nucleus. Recently, nuclear structure study incorporating gamma-ray measurements are also actively performed. In this seminar I will introduce recent activity in RCNP including nuclear physics experiments as well as application researches.



Nuclear Science Division