

The Beams and Applications Seminar Series

Current Status, Upgrade, and Future of the Pohang Synchrotron Radiation Facility in Korea.

Moonhor Ree

Pohang Accelerator Lab. & POSTECH

Bldg. 401, Room B2100

Monday, May 18, 2:30 pm

(please note special day and time)

Host: Kwang-je Kim, ASD

The Pohang Light Source (PLS) project was initiated in 1988 and construction was completed in September of 1994. PLS was designed to provide synchrotron radiation with continuous wavelengths down to 0.1 nm. Since 2000, PLS has been running at 2.5 GeV. PLS has served domestic and international users since September of 1995. Currently 28 beamlines are in operation and 3 beamlines are under construction. Nine more beamlines are planned to be constructed within next five years. The user community has grown rapidly in number over the last 14 years. The research output has steeply increased in quantity with significantly improved in quality. About 3,000 users visit the PLS facility every year.

At this time, the PLS has two main missions: one is to upgrade the current linear accelerator, storage ring, and beamlines, and the other is to construct an X-ray free electron laser facility based on an electron beam energy of 8 to 10 GeV.

For more information visit

http://aps.anl.gov/News/Meetings/Beams_and_Applications_Seminars/

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(mnolasco@aps.anl.gov, 630-252-6159) to arrange for a gate pass.