

The Beams and Applications Seminar Series

Laminated Magnets--- Impedances and Beam Dynamics

King Y. Ng

FNAL

Bldg. 401, room B2100

Monday, Aug. 23, 1:30 pm

(please note special time)

Host: J. Dooling, IPNS

Transverse coupled-bunch instabilities have been very weak in the Fermilab Booster, where there is no beam pipe and the beam is seeing the laminations of the magnets, which provide large impedances. This apparent paradox is explained. The impedances of laminated magnets are then applied to collective instabilities of various accelerator rings.

For more information visit

<http://www.aps.anl.gov/asd/physics/seminar.html>

Visitors from off-site please contact Yuelin Li
(ylli@aps.anl.gov, 630-252-7863) to arrange for a gate pass.

This ANL seminar series is a CARA activity and focuses on the physics, technology and applications of particle and photon beams. It is sponsored jointly by the ASD Division, the AWA group of the HEP Division, and the ATLAS group of the PHY Division.