

# The Beams and Applications Seminar Series

## *PETRA III - A new high brilliant x-ray light source*

**Klaus Balewski**  
DESY, Germany

**Bldg. 401, room B2100**  
**Wednesday, May 25, 1:30 pm**  
**(special time)**

Host: Katherine Harkay, ASD

In this talk the conversion of PETRA II into a dedicated light source PETRA III will be presented. The key parameters of the new machine and some technical details of the rebuilding will be given. Technical and physical challenges of the project and the current status will be covered.

### **For more information visit**

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

Visitors from off-site please contact Chun-xi Wang  
(wangcx@aps.anl.gov, 630-252-4968) 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.