

# The Beams and Applications Seminar Series

## ***The Superconducting Module & Test Facility (SMTF)***

**Shekhar Mishra**

**FNAL**

**Bldg. 401, room A1100**

**Wednesday, January 26, 3:45 pm**

**(Special time and location)**

Host: K.-J Kim, APS

The SMTF is a new US initiative in Superconducting RF (SCRF) research and development. The goal is to strengthen capabilities in high gradient and high-Q SCRF superconducting accelerating structures and related subsystems in support of the International Linear Collider (ILC), Proton Driver, RIA and other accelerator projects of interest to US laboratories. The centerpiece of SMTF will be the SCRF cavity test facility with beam operation capability, which will share infrastructure with three additional areas for  $b < 1$  and for CW (100% duty factor) cavities, in support of other programs of interest within the U.S. (such as RIA, Proton Driver, and 4<sup>th</sup> generation light sources).

### **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.