

Beams and Applications Seminar Series

This ANL seminar series 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

Bldg. 401, room B2100

Friday, April 20th

1:30 PM

Arlene J. Lennox
Fermilab Neutron Therapy
Facility

Neutrons Against Cancer

Host: Eliane Lessner

In addition to providing protons for basic high energy physics research, Fermilab's linac also generates neutrons for treating radioresistant tumors. Access to the neutron beam has enabled the Neutron Therapy Facility to make significant contributions to international understanding of the role of neutron therapy in treating cancer. This talk will describe the facility and compare the contributions of photon, neutron and proton therapy to cancer treatment. Plans for upgrades, new research, and the design of a dedicated neutron therapy linac will be presented.

For more information visit

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

Visitors from off-site please contact Debbie Briddick
(briddick@aps.anl.gov, 630-252-6620)
to arrange for a gate pass.