

Open House at the Indiana University Cyclotron Facility

Back by popular demand are guided tours of the IU Cyclotron Facility, a large, multi-disciplinary laboratory where research in nuclear physics, material science, and accelerator physics is performed. The Midwest Proton Radiotherapy Institute (MPRI), one of only five facilities in the nation that offers proton radiation therapy, is also based at IUCF. Tours will include a brief overview of IUCF, followed by a 1-hour walking tour. **For safety reasons, children must be over 13 years old to go on the tours.** Visitors will be able to see:

- **The Cyclotrons**, which accelerate protons to speeds of more than *100,000 miles per second*, over half the speed of light!
- **MPRI Treatment Rooms**, where the energetic proton beams are precisely steered in order to destroy diseased tissue in a patient, while minimizing damage to healthy tissue nearby.
- **RERP**, a NASA-supported program using protons to study the effects of radiation on instruments aboard the Shuttle and Space Station.
- **LENS**, a new Low-Energy Neutron Source which provides scientists with unique tools to study the structure of materials at atomic scales.

Take the Yellow School bus, and visit IUCF!

Leave Swain	Arrive IUCF	Leave IUCF	Arrive Swain
10:45 a.m.	11:00 a.m.	11:45 a.m.	12:00 p.m.
12:15 p.m.	12:30 p.m.	1:15 p.m.	1:30 p.m.
	*1:45 p.m.	2:45 p.m.	

*1:45 p.m. tour is for pre-arranged groups only. No transportation will be provided. Email moywright@indiana.edu for more information.