ISA Southeastern Michigan Section

What: **Tour of the National Superconducting Cyclotron Laboratory at MSU**
(http://www.nscl.msu.edu/)

Where: **On the MSU East Lansing campus** **near the intersection of Shaw Lane and Bogue Street.**

Dinner afterwards at Pizza House (http://www.pizzahouse.com)
4790 South Hagadorn, East Lansing, MI 48823

When: **Tuesday, August 17th** **Tour: 4:30 PM to 6:00 PM**
Dinner: 6:00 – 7:30 PM

You are invited to tour the National Superconducting Cyclotron Laboratory (NSCL). This event provides an opportunity to see cutting edge technology in measurement and automation and to network with your peers. NSCL is a center for world-class rare isotope research and education. Scientists here are dedicated to studying the nature of the nucleus and the rules that govern its behavior.

The proposed next step for NSCL – the Facility for Rare Isotope Beams (FRIB) – will allow experimenters to study previously unattainable nuclei. NSCL awards 10 percent of U.S. nuclear science Ph.D.s. The nuclear physics graduate program at MSU is consistently ranked one of the best in the country.

Safety Considerations for the tour: No eating, drinking or smoking during the tour, High-heeled shoes are not permitted on the tour.

THRILLS AND AMAZEMENT AWAIT!	
See:	ions moving at a speed up to 30,000 miles per second (or not)
Learn:	how exotic nuclei is more exciting than stable nuclei (although most of us prefer to hang with the stable nuclei)
Watch:	As things get smashed together at ½ the speed of light (smashing things together is great)
Be Awed By:	The origin of the elements in the universe and on Earth (what else?)

RSVP to jwright@ISAMichigan.org before August 7th to guarantee your place at this WORLD SHAKING EVENT!!!