



## Great Lakes Chapter Health Physics Society



## National Superconducting Cyclotron Laboratory Tour

**December 4, 2008, 5:00 P.M. – 8:00 P.M.**  
Michigan State University, East Lansing, MI

### ***Featured speaker and presentation:***

#### **Dr. Reginald M. Ronningen**

Sr. Physicist and Radiation Safety Officer  
National Superconducting Cyclotron Laboratory

### **Estimated Limits on Uncontrolled Beam Losses of Heavy Ions for Allowing Hands-On Maintenance at an Exotic Beam Facility Linac**

#### ***Schedule:***

**5:00 – 5:30** Check-in, refreshments, assemble for tour

**5:30 – 7:00** NSCL program and tour

**7:00 – 8:00** Dinner and featured presentation

#### ***Cost:***

Tour and presentation – FREE

Dinner - \$5.00 per person (light dinner; donation payable by cash or check;  
make check payable to GLCHPS)

#### ***Target Audience / Participants:***

GLCHPS members, industrial hygiene, health & safety, health physics, medical physics, nuclear engineering, nuclear chemistry, nuclear physics, nuclear medicine, physics, radiation physics, radiation safety, radiology, allied and other interested professionals, specialists, students, technologists, technicians, and their guests (associates, family, friends) are all welcome. Participants under 18 must present a signed NSCL Parent/Guardian Permission form prior to the tour.

#### ***Registration:***

Contact Boyd H. Rose, GLCHPS, at (586) 825-4503 (tel), (586) 825-4015 (fax), or [roseb@gdls.com](mailto:roseb@gdls.com) to register. Register by 12/01/2008, 11:59 PM.

[National Superconducting Cyclotron Laboratory \(NSCL\)](#)

[Instructions on How to Take a Tour of NSCL](#) (tour information and guidance, driving directions, NSCL Parent / Guardian Permission Form)

[NSCL Laboratory, Outreach, Research, and Safety Brochures](#)





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## National Superconducting Cyclotron Laboratory Tour

Thursday, December 4, 2008, 5:00 PM  
Michigan State University, East Lansing, MI

*Featured speaker*

### Dr. Reginald M. Ronningen

Sr. Physicist and Radiation Safety Officer  
National Superconducting Cyclotron Laboratory

*Presenting on the topic of*

### Estimated Limits on Uncontrolled Beam Losses of Heavy Ions for Allowing Hands-On Maintenance at an Exotic Beam Facility Linac

#### REGISTRATION

Name: \_\_\_\_\_  
Affiliation: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone # / Fax: \_\_\_\_\_  
Email: \_\_\_\_\_

#### Check GLCHPS Member Status\*

- Plenary (\$10 '07-'08 dues)       Honorary       Student (\$5 '07-'08 dues)  
 Affiliate (\$100 '07-'08 dues)       Non-member/Guest

**Cost:** NSCL Tour and presentation – FREE

Dinner\*\* - \$5.00 per person (donation\*; payable by cash, check, or money order)

Please make check or money order payable to **GLCHPS**. Return completed registration form and payment\* by December 1, 2008, 11:59 EDT\*\*\* to:

Boyd H. Rose, President-Elect GLCHPS  
General Dynamics Land Systems  
38500 Mound Road, MZ 483-08-01  
Sterling Heights, MI 48310-3260  
Phone: 586-825-4503; Fax: 586-825-4015;  
E-mail: [roseb@gdls.com](mailto:roseb@gdls.com)

\*Dues payment (2008-2009) and dinner donations may be submitted at the meeting

\*\*Refreshments will be available prior to the tour; a light dinner will be provided after the tour, during the featured presentation

\*\*\*Please cancel your registration by telephone, fax, or e-mail by not later than December 1, 2008 if you will not be able to attend this tour

Participants under 18 must present a signed NSCL Parent/Guardian Permission form prior to the start of the tour.