

# Symposium of North Eastern Accelerator Personnel

October 16-20, 2011

Hilton Hotel

Knoxville, Tennessee

## Sunday

7:00-9:00 Reception and Registration [Great Smoky B and C](#)

## Monday

8:30 Breakfast

8:45-12:00 Session 1: Chair: David Weisser [Cherokee Ballroom, Salon A](#)

Welcome: David Dean, ORNL Physics Division Director

David Garton, ANSTO

“Design of New Accelerator Facilities at ANSTO”

Ray Juras, ORNL Physics Division

“HRIBF Overview”

10:15-10:45 Break

George Dodson, ORNL Spallation Neutron Source

“Introduction to the SNS”

“The SNS Reliability Program”

12:00-1:00 Lunch [Cherokee Ballroom, Salon B](#)

Discussion Topic: Acceleration Tubes and Charging Systems.

1:15 Bus Leaves for ORNL

2:00-5:30 Tour SNS and HRIBF

6:00 Return to Hilton

## Tuesday

- 8:30 Breakfast
- 8:45-12:00 Session 2: Chair: Mark Roberts [Cherokee Ballroom, Salon A](#)  
Graham Peaslee, Hope College  
“An Undergraduate Ion Beam Analysis Laboratory Update: Identifying Organohalogen Flame Retardants by PIXE”  
  
Claudiu Muntele, Alabama A&M University  
“Performance of our NEC High-Res RBS system”
- 10:15-10:45 Break  
  
Alan Kern, Western Michigan University  
“Installation of the ION Implanter in the WMU Accelerator Laboratory”  
  
Sundeep Chopra, Inter University Accelerator Centre  
“Ion Accelerator Facilities at Inter University Accelerator Centre, New Delhi, India”
- 12:00-1:00 Lunch [Cherokee Ballroom, Salon B](#)  
Discussion Topic: Stripping
- 1:15-6:00 Session 3: Chair: Jim Stark  
Nora Boyd, CENPA, University of Washington  
“Stripper Foil Longevity”  
  
David Garton, ANSTO  
“Multiple Stripper Gasses in a FN sized Tandem Accelerator—an Update”
- 3:00-3:30 Break [Mezzanine](#)  
  
Lesley Egden, Mc Master University  
“Accelerator-Based Radiation Measurements of /in Vivo/ Total Body Nitrogen”

David Weisser, Australian National University  
"Bounce the Injection Energy for AMS Fast Cycling"

Open Discussion: Problems, Questions, Tips, etc.

6:30 Banquet [Hiwassee Room](#)

Speaker: Greg Norton, "Japan Earthquake and Pelletrons, March 11, 2011"

### Wednesday

8:30 Breakfast

8:45-12:00 Session 4: Chair: Ovidiu Toader [Cherokee Ballroom, Salon A](#)

Nikolai Lobanov, Australian National University  
"Design Considerations for High-Energy, Room-Temperature Buncher for Heavy Ion Accelerator Facility at ANU"

David Weisser, Australian National University  
"Entrance Lens Control of the 14UD"

10:15-10:45 Break

Chris Westerfeldt, TUNL  
"The TUNL JN Accelerator - 52 Years Young - A Status Report"

Mark Roberts, Woods Hole Oceanographic Institution  
"The Compact AMS System at Woods Hole Oceanographic Institution"

12:00-1:00 Lunch [Cherokee Ballroom, Salon B](#)

Discussion Topic: The Future of SNEAP

1:00-2:00 Business Meeting: Chair: John McKay

3:00-6:00 Riverboat Sightseeing Tour [Walk to river](#)

## Thursday

- 8:30 Breakfast
- 8:45-12:00 Session 5: Chair: Chris Westerfeldt [Cherokee Ballroom, Salon A](#)  
Greg Norton, National Electrostatics Corporation  
“Activities at NEC from July 2010 to July 2011”  
  
Nikolai Lobanov, Australian National University  
“Progress Report on the Accelerators Upgrade at ANU”
- 10:15-10:45 Break  
Alan Kern, Western Michigan University  
“Techniques to Get Ultra Low Intensity Beam”
- 12:00-1:00 Lunch [Cherokee Ballroom, Salon B](#)  
Discussion Topic: New Applications of Electrostatic Accelerators that Require Configuration Changes.
- 1:15-3:00 Session 6: Chair: John McKay  
Open discussion: Lab Reports and Other Topics
- Conference ends