

# Draft Program

## Sunday

7:00-9:00 Reception and Registration

## Monday

8:30 Breakfast

8:45-12:00 Session 1: Chair: David Weisser

Welcome: David Dean, ORNL Physics Division

David Garton, ANSTO

“Design of New Accelerator Facilities at ANSTO”

Ray Juras, ORNL Physics Division

“HRIBF Overview”

10:15-10:45 Break

SNS speaker, ORNL Spallation Neutron Source

“Introduction to the SNS”

“The SNS Reliability Program”

12:00-1:00 Lunch Discussion Topic: Acceleration tubes and charging systems.

1:15 Bus leaves for ORNL

2:00-5:00 Tour SNS and HRIBF

5:30 Return to Hilton

## Tuesday

8:30 Breakfast

8:45-12:00 Session 2: Chair: Mark Roberts

Graham Peaslee, Hope College

"An Undergraduate Ion Beam Analysis Laboratory Update: Identifying Organohalogen Flame retardants by PIXE"

Claude 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 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 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

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

### **Wednesday**

8:30 Breakfast

8:45-12:00 Session 4: Chair: Ovidiu Toader

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 Discussion Topic: The Future of SNEAP

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

3:00-6:00 Riverboat Sightseeing Tour

## Thursday

8:30 Breakfast served

8:45-12:00 Session 5: Chair: Chris Westerfeldt

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”

Pramod Bhagwat, BARC-TIFR Pelletron Accelerator Facility

“Operational Experience with 14 UD Pelletron Accelerator and Associated Developmental Activities”

12:00-1:00 Lunch 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