

Friday July 15, 2011

Revision 1 (Blue)

- 7:15 AM** **Bus leaves the Crowne Plaza Hotel**
- 8:00 AM** **Arrives at ORNL Conference Center**
- 8:15 AM** **Workshop Registration**
- 8:45 AM** **Welcome to ORNL and RGA-User's-1** **Dr. Ian Anderson, Associate Laboratory
Director Neutron Sciences Directorate**
- 8:55 AM** **Workshop organization and Workshop
Evaluation** **Peter Ladd**

Session 1 - RGA Fundamentals and New Developments - Moderator- Yulin Li

- 9:00 AM** RGA Specifications and Analytical Figures of Merit – Implications for UHV and XHV Applications, Ken Wright, INFICON, Inc.
- 9:30 AM** Modern Trends in Vacuum Quality Measurement, Gerardo Brucker, Brooks Automation
- 10:00 AM** **Break and manufacturers exhibits**

Session 2 - RGA Operation, Measurements, Data Management, Calibration Issues, and Artifacts - Moderator- Gerardo Brucker

- 10:30 AM** Some Issues related to Operation of RGA's at Cornell Electron Storage Ring, Yulin Li CLASSE, Cornell
- 11:00 AM** Developments of the RGA system on Diamond, Hugo Shiers, Diamond Light Source
- 11:30 AM** RGA Factors Affecting Partial Pressure Measurements at UHV/XHV, Robert Ellefson, REVac Consulting
- 12:00 PM** **Lunch and manufacturers exhibits**
- Tour of the "Graphite Reactor", a Historic Landmark at Oak Ridge National Laboratory**
- 12:30 PM** Tour Group 1 (Blue) leaves,
- 12:40 PM** Tour Group 2 (Red) leaves
- 1:25 PM** Return from tours

Session 3 - RGA Analysis Applications - Moderator- Ken Wright

- 1:30 PM** Diagnostic RGAs for ITER, Theodore Biewer, Oak Ridge National Laboratory
- 2:00 PM** **Overview of SNS Diagnostics, Craig Deibele, Oak Ridge National Laboratory**

2:30 PM HDT-He Gas Analysis Methods for Fusion Applications, Robert Ellefson, REVac Consulting

3:00 PM Break and manufacturers exhibits

Wrap-up - Session, Moderators- Gerardo Brucker, Yulin Li and Ken Wright

3:30 PM General discussion on the day's sessions

Session 4 - Open Forum Discussion

3:45 PM Open Forum Discussion- Moderates - Bob Ellefson and Peter Ladd

Suggested Topics:

- New Products for "UHV/XHV Operation"
- Approaches, issues and needs for "Radiation Shielding"
- Current and future issues and needs for "Data Management and Fault Detection"
- UHV/XHV market segment & system cost effectiveness issues
- The RGA market and issues in the "high tech sector" as seen by the manufacturers

Session 5 - Closing Session

4:30 PM Summary of RGA-User's-1 Workshop- Organizing Committee

4:45 PM Workshop close, completion of workshop evaluation questionnaire - Bob Ellefson

4:55 PM Adjournment

5:00 PM Bus returns to the Crowne Plaza Hotel