

Neutron Stress, Texture, and Phase Transformation for Industry

Thursday, April 19, 2007

DRAFT AGENDA as of 5 February 2007

- 8:00 Coffee
- 8:30 Welcome
- 8:50 Goals of the Neutron Diffraction for Industry Workshop

International Perspective On Industrial Studies By Neutron Diffraction

- 9:00 Hahn Meitner Institut and FRM-II (Germany)
- 9:30 JAEA and J-PARC (Japan)

- 10:00 Break
- 10:30 Stress mapping for aerospace & nuclear industry in the UK and Australia
- 11:00 NRU – ANDI at Chalk River (Canada)

- 11:30 Discussions Continue During Lunch and Poster Session

Industrial relevant applications of Neutron Scattering in North America

- 1:00 Another talk to be added
- 1:20 Fatigue
- 1:40 Transformations
- 2:00 Stress needs in transportation industry

Next Generation ORNL Neutron Facilities

- 2:20 Neutron Residual Stress Mapping Facility at HFIR
- 2:40 Design & status of the next generation engineering instrument VULCAN
- 3:00 Break

- 3:30 Panel Discussion on Industrial Issues
 - Capabilities needed by industry?
 - Mechanisms for access
 - How to provide timely access for proprietary, funded research
 - VAMAS Project and European standard for Engineering ND
 - Lessons learned around the world
 - Perspective of potential demand – based on world-wide experience
 - Data handling and imaging needs
 - Are there opportunities for neutron facilities to network
 - How can universities assist industry with access and studies

- 6:00 Adjourn