

2009 DOE Accelerator Safety Workshop

Brookhaven National Laboratory

August 18 – 20, 2009

Berkner Hall, Building 488

AGENDA

Topical Presentations During Morning Hours

Tuesday, August 18th, 2009

8:00 – 8:30 **Registration and Continental Breakfast – Berkner Hall Lobby**

8:30 Welcome Edward Lessard (BNL)

8:45 SC Accelerator Safety Review at Fermi Lab Scott Davis (DOE)

9:05 Proposed Changes to Accelerator Safety Order Scott Davis (DOE)

Experiment Review and Control Practices – Topic Leader: Andrew Ackerman (BNL)

9:30 Experiment Review and Control Practices at NSLS Andrew Ackerman (BNL)

9:15 Small-Experiment Student and User Training Issues at APS Steve Butala (ANL)

10:05 Large-Experiment Collaboration Structure and Training at FNAL Don Cossairt (FNAL)

10:15 – 10:30 am Coffee Break

Industrial Hygiene Monitoring and Control at Accelerators – Topic Leader: Jim Floyd (LBNL)

10:30 Implications of 10CFR851 Exposure Assessments Jim Floyd (LBNL)

10:50 Industrial Hygiene Issues at Accelerators, Speaker(s) TBD by Jim Floyd

Software QA at Accelerators – Topic Leader: Matt Cole (DOE)

11:20 DOE Accelerator Software and Quality Assurance Matt Cole (DOE)

11:45 Instrumented Safety Systems and Software QA Standard Asher Etkin (BNL)

12:00 – 1:00 pm Lunch Break

Wednesday, August 19th, 2009

8:00 – 8:30 **Registration and Continental Breakfast – Berkner Hall Lobby**

Metals Suspension, Moratorium – Topic Leader: Sayed Rokni (SLAC)

8:30 Technical Basis for Survey and Release of Materials from Radiological Controls Sayed Rokni (SLAC)

8:50 Making Molehills out of Mountains . . . A Common Sense Approach to the Metals Moratorium George Goode (BNL)

9:00 Metals Recycling Moratorium/Suspension – Current Status Don Gregory (ORNL)

Recurring Fire Safety Issues –

Topic Leader: David Anderson (ORNL)

9:30	Fire Safety . . . Title TBD	David Anderson (ORNL)
9:45	LINAC Pulsed Power Fire Safety Concerns	Andrew Ackerman (BNL)
10:00	NFPA 101	Mike Saleski (SLAC)

10:15 – 10:30 am Coffee Break

Contractors' Internal Self-Assessment Programs that Meet ASO Requirements –

Topic Leader: Ed Lessard (BNL)

10:30	Presenters: BNL – Ed Lessard ORNL – David Freeman LBNL – Jim Floyd ANL – Steve Butala FNAL – Don Cossairt TJNAF – Kelly Mahoney SLAC – Sayed Rokni
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Human Performance Initiative at Accelerator Facilities –

Topic Leader: Sam McKenzie (ORNL)

11:15	Human PerformanceTitle TBD	Sam McKenzie (ORNL)
11:35	Improving Operations, Maintenance and Safety through Human Performance Principles	Ray Karol (BNL)

12:00 – 1:00 pm Lunch Break

Thursday, August 20th, 2009

8:00 – 8:30	Registration and Continental Breakfast – Berkner Hall Lobby
8:30	Breakout Session Reports
10:00	Open Discussion on 2010 Workshop
11:00	Tour

Afternoon Hours – Panel Sessions Followed by Breakout Sessions

During the Panel Sessions, representatives from DOE Office of Science accelerator facilities will discuss their experience and then open the floor for discussion.

Day 1 & 2 Panel Sessions

These sessions follow the morning's Topical Presentations. Panel Sessions will start during lunch. Panel Session topics are:

- Why the Accelerator Safety Order is a Value-Added Order
 - Panel to consist of representatives from accelerator facilities –
Panel Leader: Dave Freeman (ORNL)
- Recent Accelerator Events and Lessons Learned –
Panel Leader: Ed Lessard (BNL)
 - Modifications to RHIC after the CERN Event, Joe Tuozzolo (BNL)
 - Radioactivity Release at Holifield, Alan Tatum (ORNL)

Day 1 & 2 Breakout Sessions

Facilitated afternoon Breakout Sessions will allow participants to discuss specific topics with the intent of sharing information and identifying recommendations for guidance or clarification to the workshop members.

Specific times are TBD but Breakout Sessions follow the Panel Session(s) each day, and they end at 5:00 pm.

Breakout Sessions are:

- Experiment Review and Control Practices –
Facilitator: Andrew Ackerman (BNL)
- Industrial Hygiene Monitoring and Control –
Facilitator: Jim Floyd (LBNL)
- Software QA Requirements – Facilitator – Dave Passarello (BNL)
- Safety Documentation, Approaches and Content –
Facilitator – Frank Kornegay (ORNL)
- Interlock System Requirements (ODH, Electrical, Radiation Safety) – Facilitator: Kelly Mahoney (TJNAF)