



Agenda

NSF I/UCRC CR³ Industry Advisory Board Meeting

October 18-19, 2017

Rubin Campus Center, WPI

Wednesday, October 18, 2017 (Odeum A & B)

- 8:00 a.m.** **Breakfast and Registration**
Getting On-Line - Life Forms
- 8:30 a.m.** **Welcoming Remarks**
B. Mishra, D. Apelian
Opening Remarks: IAB
M. Bauer
CR³ NSF Assessment Coordinator's Update
S. Shipp
CR³ Updates
B. Mishra
- 9:20 a.m.** **Funded Project Updates**
- 9:20 a.m. A: Innovative Refining Technologies for Sb Recovery (WPI)
Q. Wang, Y. Wang
- 9:40 a.m. B: Waste Water Treatment Sludge & High Value Grinding Swarf Recycling (WPI)
M. Jung, B. Mishra
- 10:00 a.m.** **Coffee Break**
- 10:20 a.m.** **Focus Group Sessions for A & B – Two parallel sessions**
- A: Innovative Refining Technologies for Sb Recovery (Umicore)
Hagglund Room
- B: Waste Water Treatment Sludge & High Value Grinding Swarf Recycling (GM)
Mid-Century Room
- 11:20 a.m.** **Funded Project Updates**
- 11:20 a.m. C: Hydrometallurgical Treatment of e-Scrap (CSM)
H. Cui, C. Anderson
- 11:40 a.m. D: Vacuum Distillation of Complex Lead Bullion (CSM)
E. Karumb, P. Taylor
- 12:00 p.m.** **Focus Group Sessions for C & D – Two parallel sessions**
- C: Hydrometallurgical Treatment of e-Scrap (Aurubis)
Hagglund Room

D: Vacuum Distillation of Complex Lead Bullion (Umicore)
Mid-Century Room

1:00 p.m. Lunch (Odeum C)
Speaker: Randolf Hanke, Fraunhofer

2:00 p.m. Funded Projects Updates

2:00 p.m. E: Auto-AI Scrap Material Flow Analysis with Compositional Projections (WPI)
S. Kelly, D. Apelian

2:20 p.m. F: Reuse Opportunities for Bauxite Residue (KU Leuven, WPI) - Final
Y. Pontikes, S. Onisei, B. Mishra, S. Gostu

2:40 p.m. G: Online Slag and Bullion Analysis by LIBS (KU Leuven)
E. François, B. Blanpain

3:00 p.m. Coffee Break

3:20 p.m. Focus Group Sessions for E, F, G – Three parallel sessions

E: Auto-AI Scrap Material Flow Analysis with Compositional Projections (Steinert)
Chairmans Room

F: Reuse Opportunities for Bauxite Residue (GMR)
Hagglund Room

G: Online Slag and Bullion Analysis by LIBS (Umicore)
Mid-Century Room

4:20 p.m. Funded Projects Update

4:20 p.m. H: Pretreatment Processes of Waste PCBs (Univ. of Tokyo)
J. Ponou, T. Fujita

4:40 p.m. I: Recovery of Valuable Metals from Flue Dust and Other Fines from Mechanical Treatment of e-Scrap (WPI)
H. Lee, B. Mishra

5:00 p.m. J: Separation of Eu and Y from Mixed REO recovered from Phosphor Dust (WPI): Leveraged Project
M. Strauss, B. Mishra

5:20 p.m. Focus Group Sessions for H, I – Two parallel sessions

H: Pretreatment Processes of Waste PCBs (JX Nippon)
Hagglund Room

I: Recovery of Valuable Metals from Flue Dust and Other Fines from Mechanical Treatment of e-Scrap (Aurubis)
Mid-Century Room

6:30 p.m. Reception and Dinner: Higgins House, WPI Campus

Thursday, October 19, 2017 (Odeum A & B)

- 8:00 a.m.** **Breakfast**
- 8:30 a.m.** **Company Presentation**
- The Aluminum Association, J. Weritz
- 9:20 a.m.** **Project Selection Update**
B. Coletti
- 9:30 a.m.** **Presentations of Proposed Projects**
- 10:45 a.m.** **Coffee Break**
- 11:00 a.m.** **Continuation of Presentations of Proposed Projects**
- 12:00 p.m.** **Tiered Membership Discussion**
M. Bauer
- 12:30 p.m.** **Lunch**
Odeum C
- 1:30 p.m.** **IAB Meeting – Closed Session (M. Bauer – Chair)**
Odeum A & B
- 1:30 p.m.** **Directors Meet with Guests and Potential Members**
Mid-Century Room
- 3:00 p.m.** **IAB Debrief with Directors**
Odeum A & B
- 4:15 p.m.** **Meeting Adjourns**
- 6:00 p.m.** **Informal Dinner**
Goat’s Head Pub, Founder’s Hall, 1st Floor: WPI

