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-Al 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-Al 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