### Agenda

**CR³ I/UCRC Industry Advisory Board Meeting**  
May 17-18, 2016  
Groot Begijnhof Faculty Club, KU Leuven  
Convent van Chièvres Benedenstraat 39,  
3000 Leuven, Belgium

**Tuesday, May 17, 2016** (St Barbara Room)

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>8:00 a.m.</td>
<td>Breakfast and Registration</td>
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<td>Getting On-Line - Life Forms</td>
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<td>8:30 a.m.</td>
<td>Welcoming Remarks B. Blanpain</td>
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<td>Opening Remarks: IAB M. Esprit</td>
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<td></td>
<td>CR³ Evaluator Update S. Shipp</td>
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<td>CR³ Updates B. Mishra</td>
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<td>9:30 – 9:50 a.m.</td>
<td>Research Portfolio Strategic Sessions &amp; Projects Selection Process</td>
<td>B. Mishra</td>
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<td>Summary from October 2015 Meeting</td>
<td>T. Wolfe</td>
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<td></td>
<td>Project Selection Process Update</td>
<td>D. Apelian</td>
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<td>Portfolio building &amp; desired outcomes: Discussion on May 18</td>
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<td>9:50 – 10:10 a.m.</td>
<td>Coffee Break</td>
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<td>10:10 a.m.</td>
<td>Funded Project Updates</td>
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<td>10:10 a.m.</td>
<td>A: Recovery of Valuable Metals from Fines M. Jung and B. Mishra (WPI)</td>
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<td>10:35 p.m.</td>
<td>B: Scrap Characterization S. Kelly and D. Apelian (WPI)</td>
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<td>11:00 a.m.</td>
<td>Focus Group Sessions for A and B - Two parallel sessions</td>
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<td></td>
<td>A: Anna de Paepe Room</td>
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<td>B: Sint Gommarius Room</td>
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<td>12:00 p.m.</td>
<td>Lunch (Faculty Club)</td>
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<td>1:00 p.m.</td>
<td>Funded Project Updates (St Barbara Room)</td>
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<td>1:00 p.m.</td>
<td>C: Hydrometallurgical Treatment of e-Scrap H. Cui, C. Anderson (CSM)</td>
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<td>1:25 p.m.</td>
<td>D: Rare Earth Metals Recovery from Bauxite Residue R. Narayanan, M. Emmert (WPI)</td>
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2:50 p.m. Focus Group Sessions for C & D - Two parallel sessions
C: Anna de Paepe Room
D: Sint Gommarius Room

2:50 – 3:10 p.m. Coffee Break

3:10 p.m. Funded Project Updates (St Barbara Room)

3:10 p.m. E: Value Recovery from Mining Wastes
          E.T. Karumb and E. Spiller (CSM)

3:35 p.m. F: Online Slag and Bullion Analysis by LIBS
          E. François, B. Blanpain (KU Leuven)

4:00 p.m. G: Reuse Opportunities for Bauxite Residue
          Y. Pontikes, S. Onisei, B. Mishra, S. Gostu (KU Leuven and WPI)

4:30 p.m. Focus Group Sessions for E, F & G - Three parallel sessions
E: St Barbara Room
F: Anna de Paepe Room
G: Sint Gommarius Room

6:30 p.m. Reception and Dinner: Presentation on EIT-KIC
          Faculty Club, KU Leuven
          Groot Begijnhof 14, 3000 Leuven
          Tel. 0032(0)16 32 95 00

Wednesday, May 18, 2016

8:30 - 9:00 a.m. Breakfast

9:00 a.m. Funded Project Updates (St Barbara Room)

9:00 a.m. H: Recovery of Valuable Metals from Flue Dust and Other Fines from Mechanical
          Treatment of e-Scrap
          H. Lee, B. Mishra (WPI)

9:25 a.m. I: Battery Design for Disassembly in Support of Materials Reuse
          M. De Rousseau, Y. Wang, D. Apelian (WPI)

9:50 a.m. Focus Group Sessions for G&H - Two parallel sessions
H: Anna de Paepe Room
I: Sint Gommarius Room

10:50 – 11:00 a.m. Coffee Break

11:00 – 11:45 a.m. Company Presentations
• Steinert (U. Habich)
• General Motors (M. Bauer)

11:45 a.m. WPI, CSM & KU Leuven Leveraged Projects
           B. Mishra, C. Anderson, B. Blanpain
12:15 - 1:30 p.m.  Lunch

1:30 p.m.  Debriefing from FG meetings to the full IAB (by FG Chair)
A:  Recovery of Valuable Metals from Fines  (TBA)
B:  Scrap Characterization  (R. De Saro)
C:  Hydrometallurgical Treatment of e-Scrap  (M. Ahyan)
D:  Rare Earth Metals Recovery from Bauxite Residue  (TBA)
E:  Value Recovery from Mining Wastes  (L. Stevens)
F:  Online Slag and Bullion Analysis by LIBS  (C. Vasseur/M. Esprit)
G:  Reuse Opportunities for Bauxite Residue  (TBA)
H:  Recovery of Valuable Metals from Flue Dust and Other Fines from Mechanical Treatment of e-Scrap  (M. Ahyan)
I:  Battery Design for Disassembly in Support of Materials Reuse  (C. Taylor)

2:45 – 3:00 p.m.  Coffee Break

3:00 p.m.  IAB & Faculty Discussion of Proposed Projects and final voting

4:00 p.m.  CR³ Portfolio Building: What should we target? - (D. Apelian - Facilitator)

5:00 p.m.  IAB Meeting – Closed Session  (M. Esprit – Chair) - St Barbara Room

5:00 p.m.  Directors meet with Guests and Potential Members - Anna de Paepe Room

6:00 p.m.  IAB Debrief with Directors - St Barbara Room

7:00 p.m.  Reception and Closing Dinner
Faculty Club, KU Leuven
Groot Begijnhof 14, 3000 Leuven
Tel. 0032(0)16 32 95 00