Wednesday, November 8, 2023
8:30 a.m.  Breakfast and Registration
9:00 a.m.  Welcome and CR3 Updates
           B. Mishra and A. Mirza
           Welcome and CHTE Updates
           T. Christiansen and B.J. Bernard

9:30 a.m.  Presentation by Thomas Dahmen, Head of Technology at Asgaard Metals, Copenhagen, Denmark
10:00 a.m. Presentation 2 (tbd)
10:30 a.m.  Break
10:45 a.m.  Funded Project Updates: Moderator: B. Mishra
            10:45 a.m.  A: Contactless Flow Measurement of Molten Materials (CSM/Gopher)
                        B. Raadam, J. Lee, C. Anderson
            11:05 a.m.  B: Assessment of Environmental Properties of Non-Ferrous Metal Production
                        Slags (KUL/Boliden)
                        K. Koukouza, V. Cappuyns, Y. Pontikes, B. Blanpain

11:25 a.m.  Focus Group Sessions for A & B – Two parallel sessions
            A: Contactless Flow Measurement of Molten Materials (CSM/Gopher)
               Odeum A
            B: Assessment of Environmental Properties of Non-Ferrous Metal Production Slags
               (KUL/Boliden)  Mid-Century Room

12:30 p.m.  Lunch
           Odeum C
1:30 p.m.  Funded Project Updates: Moderator: C. Anderson
            1:30 p.m.  C: Cleaning of fayalite/olivine slags using H2 (and CO): Measurement for the recovery
                        of technology elements, e.g. Pb, Zn, Sb, As, etc. from bath smelting slags (KUL)
                        S. Keshavarz, B. Blanpain
            1:50 p.m.  D: Structure Property Relations of Slags, Application and Carbonation Potential
                        (KUL/Boliden)
                        V. Hallet, Y. Pontikes
2:10 p.m.  Focus Group Sessions for C & D – Two parallel session
C: Cleaning of fayalite/olivine slags using H2 (and CO): Measurement for the recovery of technology elements, e.g. Pb, Zn, Sb, As, etc. from bath smelting slags (KUL) [New]
Mid-Century Room
D: Structure Property Relations of Slags, Application and Carbonation Potential (KUL/Boliden) Odeum A

3:10 p.m.  Break and Poster Session
Odeum Lobby

3:30 p.m.  Funded Projects Updates: Moderator: Y. Pontikes
3:30 p.m.  E: Adhesive and Sealant Waste Reduction (WPI/GM)
C. Ruhatiya, B. Mishra
3:50 p.m.  F: Increased Gas Injection Efficiency through Sonic Jetting Regime Using Hydrogen and Ammonia (CSM/Aurubis)
L. Torrez, C. Anderson

4:00 p.m.  Focus Group Sessions for E & F – Two parallel sessions
E: Adhesive and Sealant Waste Reduction (WPI/GM)
Mid-Century Room
F: Increased Gas Injection Efficiency through Sonic Jetting Regime Using Hydrogen and Ammonia (CSM/Aurubis)
Odeum A

5:00 p.m.  Meeting Adjourns

5:00 p.m.  Bus leaves from the front of Higgins Labs

5:45 p.m.  The Publick House,
277 Main Street
Sturbridge, MA 01566

Thursday, November 9, 2023
8:30 a.m.  Breakfast

9:00 a.m.  Funded Projects Updates: Moderator: Y. Pontikes
9:00 a.m.  G: G-METS Distillation for Continuous Efficient Lead Refining (WPI/Gopher, Aurubis, Campine, East Penn)
A. Telgerafchi, A. Powell
9:20 a.m.  H: Metal Recovery from Industrial By-Products Using Bromine (CSM)
A. Hirata Miyaski, C. Anderson
Odeum A

9:40 a.m.  Focus Group Sessions for G & H – Two parallel sessions
G: G-METS Distillation for Continuous Efficient Lead Refining (WPI/Gopher, Aurubis, Campine, East Penn)
Odeum A
H: Metal Recovery from Industrial By-Products Using Bromine (CSM)
Odeum A
10:40 a.m.  Break
11:00 a.m.  Review of 2024 Project Proposals and Mid-Year Project Proposals – Odeum A
            M. Bauer, A. Mirza
            24-01  Solid Liquid Separation in Low-Melting Point Systems (Aurubis) M. Chintinne, A. Specht, E. Klaffenbach
            24-03  Kinetic of FeNi-sulfidization in Ni-Matte with Sulphur Injection into Matte (SMS Group) M. Reuter, S. Geimer, M. Kalisch
            MID 01  Solar Panel Recycling (WPI) Y. Wang
            MID 02  Silver, Gold and PGM Distribution Between Doré and Litharge Slag in Pyrometallurgical lead refining S. Nicol
            MID 03  Identify and Develop Processes to Recover and Produce Saleable Silica from Mine Wastes E. Ngai
            MID 04  Roadmap CO2 Reduction on Lead Blast Furnace H. Goovaerts, R. Vanparys, A. Mirza
12:10 p.m.  Lunch
            Odeum C
1:15 p.m.  IAB Meeting – Closed Session A. Mirza – Chair
            Odeum A
1:15 p.m.  Directors Meet with Guests & Potential Members
3:15 p.m.  IAB Debrief with Directors
3:45 p.m.  Meeting Adjourns