
Agenda: CANFSA Spring IAB Meeting, April 7-9, 2020**Tuesday, April 7, 2020**

- 9:00 AM Welcome, Attendee Introductions, Agenda Changes
- 9:15 AM Overview and Status of CANFSA
- 9:30 AM D. Meyer, NSF/IUCRC Updates and Review of LIFE Form Process
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Select meeting: "April 7 2020 Advanced NonFerrous Struct. Alloys (CANFSA)"
password: virtual_canfsa
- 9:50 AM B. Milligan, Project 29-L: Identification of Deformation Mechanisms of Thermally Stable Cast Al-Cu Alloys via Neutron Diffraction (Mines)
- 10:20 AM Break (15 min)
- 10:35 AM J. Copley, Project 33B-L: In-situ Studies of Strain Rate Effects on Phase Transformations and Microstructural Evolution in Multi-Principal Element Alloys (Mines)
- 11:05 AM J. Klemm-Toole, Project 36C-L: Combining In-Situ and Ex-Situ Characterization to Understand Crystallographic Texture Development in Metal Additive Manufacturing (Mines)
- 11:35 AM New Student Project Introductions
- 12:00 PM Lunch
- 1:00 PM B. McBride, Project 31-L: Accumulative Roll Bonding of Al and Ti Sheets Toward Low Temperature Superplasticity (Mines)
- 1:30 PM P. Collins, Iowa State University ONR MURI Research Progress (ISU)
- 2:00 PM Break
- 2:15 PM C. Becker, Project 32-L: Development of Cabinet Based Computed Tomography Methods for Studies of Microstructures and Defects in Metals (Mines)
- 2:45 PM B. Rodgers, Project 36E-L: In-Situ Characterization of Microstructural Evolution During Simulated Additive Manufacturing in Model Alloys (Mines)
- 3:15 PM LIFE Form Review Session
- 4:00 PM Adjourn

Wednesday, April 8, 2020

- 9:00 AM B. Ellyson, Project 33A-L: In-situ Studies of Strain Rate Effects on Phase Transformations and Microstructural Evolution in β -Titanium (Mines)
- 9:30 AM C. Johnson, Project 30-L: Mechanisms of Grain Refinement in Laser Powder Bed Fusion of In-Situ Metal Matrix Composite 6061 Aluminum Alloys (Mines)
- 10:00 AM G. Storey, Project 39: Solute and Precipitate Effects on Magnesium Recrystallization (Mines)
- 10:30 AM Break (15 min)
- 10:45 AM B. McArthur, Project 34: Phase and Texture Evolution Preceding Abnormal Grain Growth in Ni-based Aerospace Alloys (Mines)
- 11:15 AM A. Saville, Project 36A-L: Microstructural Evolution in Titanium Alloys Under Additive Manufacturing Conditions (Mines)
- 11:45 AM Lunch
- 12:45 PM N. Delfino de Campos Neto, Project 37: Advanced Engineered Coatings with Extended Die Life for Tooling (Mines)
- 1:15 PM J. Shin, Project 36D-L: Characterizing Additively Manufactured Inconel 718/738 (Mines)
- 1:45 PM Break
- 2:00 PM LIFE Form Review Process
- 2:45 PM IAB Workshop (IAB and Directors Only, Closed to Non-Members)
- 3:45 PM NSF Closed Session with Industry (IAB & Center Evaluator, Closed to Non-Members)
- 4:45 PM Adjourn

Thursday, April 9, 2020

- 8:30 AM Welcome and Agenda Changes
- 8:35 AM P. Collins, Spatially Resolved Acoustic Spectroscopy (SRAS) (ISU)
- 9:05 AM New Project Selection and Member Voting
- 10:00 AM Break (10 min)
- 10:10 AM New Project Selection and Member Voting Continued
- 11:00 AM Report out to CANFSA directors (IAB and Directors Only, Closed to Non-Members)
- 12:00 PM Adjourn