Tuesday, 03 November 2009, CFSP I/UCRC TECHNICAL WORKSHOP

7:45- 8:00  Registrations
8:00- 8:15  Welcome and Introduction of Participants (Dr. Ron White, SDSMT VPR)

8:15- 9:15  South Dakota School of Mines Technical Presentation (Arbegast/West/Fick)
- CFSP07-AMP-01: FSW of Titanium Beam Structures (Current)
- CFSP07-AMP-04: Distortion Control in Stiffened Structures (Current)
- CFSP08-AMP-01: FSW of Gray Cast Iron (Current)
- CFSP09-AMP-01: Repair of F-15 wings (current)
- CFSP09-AMP-02: REU Supplemental- FSSW Repair of Cracked Skins (Current)
- CFSP09-AMP-03(P): LAM of High Temperature FSW pin tools (Proposed)

9:15- 10:15  BYU Technical Presentations (Nelson/Sorensen)
- CFSP07-BYU-02: Expanding Capabilities in FSW of HSLA Steels (Current)
- CFSP06-BYU-01: Design of CS4 Pin Tools (Ending)
- CFSP07-BYU-03: Comparisons of FSP Models in 304L (Current)
- CFSP07-BYU-04(S): Fundamental Aspects of Control and Response Variable (Ending)

10:15- 10:30  Breaks and Poster Session

10:30- 11:30  Wichita State University Technical Presentations (Burford)
- CFSP07-WSU-01: Performance of Discontinuous FSW (Current)
- CFSP07-WSU-02: Faying Surface Treatments of FSSW (Current)
- CFSP07-WSU-03: “Low” Z force FSSW (Current)
- CFSP08-WSU-02: FSW Lap Weld Analysis with FSW Tool Software 2.0 (Current)
- CFSP09-WSU-01(S): Formability/Structural Integrity of FSW (TIE program-VCU) (Current)

11:30- 12:15 Lunch

12:15- 1:15  Missouri S&T Technical Presentation (Mishra)
- CFSP05-UMR-01: Friction Stir Microstructural Modification (Current)
- CFSP08-MST-01: Mg Sheet Joining (Current)

1:15- 2:15  USC Technical Presentations (Reynolds)
- CFSP07-USC-01(S): Fundamental Aspects of Control and Response Variable (Ending)
- CFSP04-USC-01: Thermal management of aluminum alloy welding (Current)
- CFSP04-USC-02: Improved Weldability of Titanium Alloys (Current)
- CFSP06-USC-01: Al-Mg Dissimilar alloys welding (Current)
- CFSP09-USC-01: Pre-weld natural aging time effect on post weld properties of W-Temper 7XXX FSW (Current)

2:15- 2:30  Breaks and Poster Session
2:30- 3:00  IAB Presentations
3:00- 4:15 Site Break-out sessions
4:15- 5:00  Wrap-up and review of next day activities
6:00- 8:30 Reception/Dinner TBD
Center for Friction Stir Processing

CFSP Technical Workshop and Annual IAB Spring Meeting
Dates: November 3-5, 2009
Rushmore Plaza Civic Center (Ponderosa Room)
Rapid City, South Dakota, USA

Wednesday, 04 November 2009 CFSP I/UCRC FALL MEETING

7:45- 8:00 Registrations

8:00- 8:10 Introductions of Participants (Arbegast)
8:10- 8:30 Dr. Rathindra “Babu” DasGupta (NSF) and Dr. Ron Beck (Center Evaluator)
8:30- 9:00 State-of-the-Centers (Arbegast)

Management Reviews and Life Forms for Current and Continuing Projects

9:00- 9:10 LIFE FORMS Logins and Instructions
9:10- 9:20 CFSP07-AMP-01: FSW of Titanium Beam Structures
9:20- 9:30 CFSP07-AMP-04: Distortion Control in Stiffened Structures
9:30- 9:40 CFSP08-AMP-01: FSW of Gray Cast Iron
9:40- 9:50 CFSP09-AMP-01: Repair of F-15 wings
9:50- 10:00 CFSP09-AMP-02: REU Supplemental- FSSW Repair of Cracked Skins
10:00- 10:10 CFSP09-AMP-03(P): LAM of High Temperature FSW pin tools (Proposed)
10:10- 10:20 Break

10:20- 10:30 CFSP07-BYU-02: Expanding Capabilities in FSW of HSLA Steels
10:30- 10:40 CFSP06-BYU-01: Design of CS4 Pin Tools
10:40- 10:50 CFSP07-BYU-03: Comparisons of FSP Models in 304L
10:50- 11:00 CFSP05-UMR-01: Friction Stir Microstructural Modification
11:00 - 11:10 CFSP08-MST-01: Mg Sheet Joining
11:10- 11:20 CFSP04-USC-01: Thermal Management of Aluminum FSW
11:20- 11:30 CFSP04-USC-02: Improved Weldability of Titanium Alloys
11:30- 11:40 CFSP06-USC-01: Dissimilar Metal FSW of Aluminum to Magnesium
11:40- 11:50 CFSP09-USC-01: Pre-weld natural aging time effect on post weld properties of W-Temper 7XXX FSW

11:50- 12:50 Lunch

12:50- 1:00 CFSP07-WSU-01: Performance of Discontinuous FSW
1:00- 1:10 CFSP07-WSU-02: Faying Surface Treatments of FSSW
1:10- 1:20 CFSP07-WSU-03: “Low” Z force FSSW
1:20- 1:30 CFSP08-WSU-02: FSW Lap Weld Analysis with FSW Tool Software 2.0

1:30- 1:40 Break

1:40- 2:00 Center Business
New Membership Marketing Strategies
“In Kind” Members Restrictions
Post Doc Training Programs

2:00- 3:45 Site Breakout Sessions
2:45- 3:30 IAB Closed Meeting / Site Director Meeting
3:30- 4:15 Technology Road Map Discussion
4:15 - 4:30 Wrap-up

6:00 - 8:30 Dinner TBD
Thursday, 05 November 2009 CFSP I/UCRC Fall Meeting

8:00-  8:05  Handout Life Form Summaries to IAB
8:05-  9:00  Site/Sponsor Meetings to discuss life forms
9:00-  10:00  Life form review for entire IAB
10:10-  10:15  Break
10:15-  11:30  Closed IAB Meeting
11:30-  12:00  IAB feedback
12:00 - 12:15  Discussion of Next Meeting Dates
12:15  Adjourn
1:00  Optional AMP Lab tour