Tuesday, 26 April 2011 CFSP I/UCRC TECHNICAL WORKSHOP

7:00-8:00Registrations & Continental Breakfast
8:00-8:15Welcome and Introduction of Participants (Nelson)
8:15-9:15University of South Carolina Technical Presentation (Reynolds)
   Program Overview
   Recent status of each active project
   Technical presentation on FSW for member benefit

9:15-9:45Break

9:45-10:45South Dakota School of Mines and Technology Technical Presentation (West)
   Program Overview
   Recent status of each active project
   Technical presentation on FSW for member benefit

10:45-11:15Break

11:15–12:15Wichita State University Technical Presentation (Burford)
   Program Overview
   Recent status of each active project
   Technical presentation on FSW for member benefit

12:15 – 1:15Lunch

1:15 2:15Missouri University of Science and Technology Technical Presentation (Mishra)
   Program Overview
   Recent status of each active project
   Technical presentation on FSW for member benefit

2:15-2:45Break

2:45-3:45Brigham Young University Technical Presentation (Nelson)
   Program Overview
   Recent status of each active project
   Technical presentation – Texture and Its Application to FSW

3:45-4:00Break

4:00 - 4:45Working session – barriers to implementation

5:00-Break for the evening
CFSP Technical Workshop and Annual IAB Fall Meeting  
Dates: 26-28 April 2011  
Hilton St. Louis Downtown  
St. Louis, MO

Wednesday, 27 April 2011  CFSP I/UCRC SPRING MEETING

7:45 - 8:00  Registrations  
8:00 - 8:10  Welcome/Introductions (Nelson)  
8:10 - 8:30  NSF Commentary – Alex Schwarzkopf (NSF) and Dr. Ron Beck (Center Evaluator)  
8:40 - 9:00  State-of-the-Center (Nelson)  
9:00 - 10:00  Review and Life Forms for Proposed Projects  
9:00 - 9:20   CFSP11-AMP-01: Intelligent Process Control Systems for FSW  
9:20 - 9:40   CFSP11-WSU-01: FSW & FSSW for Articulated Robots  
9:40 - 10:00  CFSP11-WSU-02: FSW Process Characterization and Standardization

10:00 - 10:30  Break and Poster Session  
10:30 - 11:00  John Bauhman – “Flatland Program”

11:00 - 12:00  Review and Life Forms for Continuing Projects  
11:00 - 11:10  CFSP04-USC-01: Thermal management in aluminum alloy FSW  
11:10 - 11:20  CFSP04-USC-02: Improved weldability of titanium alloys  
11:20 - 11:30  CFSP05-UMR-01: Friction Stir Microstructural Modification  
11:30 - 11:40  CFSP07-AMP-04: Distortion Control in Stiffened Structures  
11:40 - 11:50  CFSP07-WSU-01: Performance of Discontinuous FSW  
11:50 - 12:00  CFSP07-WSU-02: Faying Surface Treatments of FSSW

12:00 - 1:00  Lunch  
1:00 - 3:00  Review and Life Forms for Continuing Projects  
1:00 - 1:10  CFSP07-WSU-03: "Low" Z force FSSW  
1:10 - 1:20  CFSP08-AMP-01: FSW of Gray Cast Iron  
1:20 - 1:30  CFSP08-MST-01: Friction Stir Lap/Spot Welding of Mg alloys  
1:30 - 1:40  CFSP08-WSU-02: FSW Lap Weld Analysis with FSW Tool Software 2.0  
1:40 - 1:50  CFSP09-AMP-01: Repair of F-15 wings  
1:50 - 2:00  CFSP09-WSU-01 (S): Formability/Structural Integrity of FSW (TIE program with VCU)  
2:00 - 2:10  CFSP10-MST-01: Friction Stir Welding and Processing of Mg alloys  
2:10 - 2:20  CFSP10-USC-01: Quantitative Analysis of Tool Feature Effects  
2:20 - 2:30  CFSP10-BYU-01: Understanding the hard zone in FSW of HSLA steels  
2:30 - 2:40  CFSP10-BYU-02: Control aspects of FSW in thick-section copper  
2:40 - 2:50  CFSP10-BYU-03: Friction Stir Weldability index for HSLA steels  
2:50 - 3:00  CFSP10-MST-02: Friction stir welding of Al-Li alloys

3:00 - 3:30  Break  
3:30 - 4:00  IAB Presentation (TBA)  
4:00 - 4:30  Center Business (Baumann and Nelson)

4:00 - 4:45  Site/Sponsor meetings  
5:30 - 7:00  Dinner (location TBA)
CFSP Technical Workshop and Annual IAB Fall Meeting
Dates: 26-28 April 2011
Hilton St. Louis Downtown
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Thursday, 28 April 2011 CFSP I/UCRC Spring Meeting

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30-</td>
<td>Site/Sponsor Meetings to discuss life form responses</td>
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<tr>
<td>8:00-</td>
<td>Life form response review for entire IAB</td>
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<td>9:00-</td>
<td>Break</td>
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<tr>
<td>9:15-</td>
<td>IAB Meeting</td>
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<td>10:30-</td>
<td>IAB feedback</td>
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<td>11:30</td>
<td>Adjourn</td>
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