International Tie and Fastener Symposium
6-8 June 2012

Hosted by:
Rail Transportation and Engineering Center (RailTEC)
University of Illinois at Urbana-Champaign (UIUC)
205 N. Mathews Avenue / Newmark Civil Engineering Lab
Urbana, Illinois, USA

Draft Agenda

Pre-Symposium Event - AREMA Committee 30 (Ties) Meeting
Tuesday 5 June – 8:00 AM - 5:00 PM
Wednesday 6 June – 8:00 AM - 11:00 AM

International Crosstie and Fastener System Symposium

Wednesday 6 June

11:00 AM - 6:00 PM  Technical Tour (Via Charter Bus, Box Lunch Provided)
• Union Pacific Railroad Illinois High Speed Rail Project
• University of Illinois at Urbana-Champaign’s (UIUC) Advanced Transportation Research and Engineering Laboratory (ATREL)

6:30 PM  Arrival back in Campaign-Urbana
Dinner  On Your Own

Thursday 7 June

7:45 - 8:00 AM  Continental Breakfast

8:00 – 8:30 AM  Opening Session
• Welcome and Safety Briefing
• UIUC / CEE / RailTEC Welcome
• North American Railroad Industry Welcome
• International Welcome
• Tie and Fastener Symposium Objectives

8:30 – 10:00 AM  Session 1
• Review of International Tie and Fastener Survey Results
• Overview of Domestic and International Tie and Fastener Failure Modes
• Tie and Fastener Research Needs Presentation and Discussion

10:00 – 10:30 AM  Break & Discussion
10:30 AM – 12:30 PM  Session 2
   • Loading Environment
   • Field Performance

12:30 – 2:00 PM  Lunch (1005 Beckman Institute)
   • Keynote Speaker 1

2:00 – 4:00 PM  Session 3
   • Materials
   • Testing and Validation

4:00 – 4:30 PM  Break & Discussion

4:30 – 5:30 PM  Newmark Civil Engineering Laboratory Tours

5:30 PM  Adjourn

6:30 PM  Dinner at UIUC Memorial Stadium
   • Keynote Speaker 2
   • Invited Poster Session

**Friday 8 June**

7:45 - 8:00 AM  Continental Breakfast

8:00 – 10:00 AM  Session 4
   • Modeling
   • Design

10:00 – 10:30 AM  Break & Discussion

10:30 AM – 12:30 PM  Session 5
   • Research Needs Discussion

12:30 – 1:00 PM  Recap, Look Ahead & Closing Remarks

1:00 PM  Adjourn & Lunch