



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