

CHAIRMAN'S COMMENTS



July 1st marks the beginning of my term as RTD Chairman and I look forward to an exciting year. We have a great conference upcoming this fall in Fort Worth, TX, and are in the early planning stages for an outstanding Joint Rail Conference in the spring of 2010 on the campus of the University of Illinois.

None of these conferences would take place, however, without a dedicated cadre of volunteers and our Manager of Division Affairs – Sam Williams. My personal thanks to all who work to make the RTD a success.

Many thanks to our outgoing chairman, Cameron Lonsdale, for his efforts in promoting student participation, working to maintain a strong technical program at our conferences, and striving to keep the many railroad related groups involved in RTD activities. As Cameron stated in his comments, these are key elements in a strong and vital RTD. I will work to continue in these efforts.

During my past two years as treasurer, it was my privilege to send grant money to the three AAR-Affiliated Lab schools (UIUC, Texas A&M, Virginia Tech) for increased student participation as authors, session chairs, or attendees. Based on the success of recent conferences these grants will continue and may be expanded.

If you have never attended a RTD conference or have

not attended one recently I hope that you will consider joining us in Ft. Worth in October. We know that this is a tough year economically and that many travel budgets have been curtailed, but we hope that many of you will be able to attend what promises to be a technically informative conference.

If you have not prepared a paper for a conference before, please look for the Call for Papers coming soon for our Joint Rail Conference in the Spring of 2010. We will be joining not only IEEE and ASCE but TRB and AREMA for what will likely be our largest spring conference ever. Please consider participating as an author or presenter, or as a first time or returning attendee. It promised to be an exciting year, and I hope to see you soon.

Gerald Anderson
Sr. Principal Investigator
TTCI

FUTURE MEETINGS

2010 JRC, Urbana-Champaign, IL: APRIL 27-29
(University Of Illinois)

2010 RTD Fall Technical Conference, Roanoke, VA: October 5-7 (Virginia Tech.)

2011 JRC Pueblo – Date TBD

2011 RTD Fall Technical Conference, Minneapolis, MN: September

Same week as RSI, AREMA and Signal

2012 JRC – Open

2012 Fall Conference - Open

2013 JRC – Philadelphia, June (with AREMA), Tentative

2013 Fall Conference, November - Open

Note that all dates and locations are subject to change as planning progresses.

COMMENTS PAST CHAIRMAN'S



My year as Chairman of ASME Rail Transportation Division has come to a close and the torch is officially passed to the incoming Chairman, Mr. Gerald Anderson of the Transportation Technology Center, Inc. RTD is in excellent hands with **Jerry at the throttle, with his many years of railroad industry and**

ASME RTD experience. My year as Chairman was an enjoyable one, and I am deeply grateful for the many dedicated volunteers in RTD, and for our outstanding Manager of Divisional Affairs, Sam Williams. Without these folks, RTD simply could not function.

The future of our railroad industry (and RTD) looks very bright. Our railroad industry has undergone a strong resurgence in recent years and despite the current global economic troubles, figures to be one of the leading industries in North America for many years to come.

While a past Chairman may be expected to provide some sort of deep wisdom for all to ponder, instead I list a few basic ideas for RTD to continue:

- Keep up the excellent quality of technical papers and conferences. This activity is the heart and soul and fiber of what RTD is – the leading technical/engineering organization in North American railroading. To summarize - “It’s all about the technical papers.”
- Encourage and support student engineers and young engineers to enter our profession of railroading, attend conferences and write technical papers. Without new blood and ideas the industry will suffer. RTD financial support of colleges and universities having railroad research programs is an excellent way to do this. Also personal encouragement can have a positive effect – Don’t be afraid to praise!
- Maintain the excellence and relevance of RTD by involving engineer members from all parts

of our industry – railroads, transit authorities, suppliers, consultants, and academics. A good balance of the RTD team leads to great results for the organization.

- Continue to develop synergies with other technical societies and organizations, such as IEEE, ASCE, AREMA, RSI, TRB, ASME Internal Combustion Engine Division, etc. Combined technical conferences not only make great budgetary sense, but they bring different engineering disciplines together in the same forum.

In closing, I once again thank all the great folks in RTD who make it the great organization that it is. From the time I was about 4 years old riding in the family car and saw the NY Central (or was it Penn Central?) E-unit come out of the tunnel along the east side of the Hudson River, I knew that I wanted to work in the railroad industry (why – who knows?). And, I was happy to serve as RTD Chairman this past year. Best wishes to everyone for the future.

Cameron Lonsdale
VP Research and Development
Amsted Rail

WELCOME TO NEW RTD COMMITTEE MEMBERS

Work by the RTD Advisory Committee has produced recommendations accepted by the Executive Committee to fill open positions on RTD committees.

We welcome Steve Dedmon, Director Technology and R & D, Standard Steel, LLC, to the Executive Committee, moving from the General Committee. He will chair the Publicity Committee, an important position to publicize our technical conferences.

We welcome new members to the General Committee:

- Amy Bolling, Engineer Car Design, CSX Transportation
- Bob Irving, Transportation Manager, CTLGroup
- Yan Liu, Manager-Vehicle Track Interaction, National Research Council Canada
- Corey Pasta, Sr. Engineer, Train Dynamics, BNSF
- Devin Rouse, Trackwork/Mechanical Engineer, Bechtel Corp.
- Tom Schlueter, Director of Engineering, Progress Rail Services

Al Bieber, member of the Advisory Committee, has been appointed to Chair the RTD History and Heritage Committee, a vacancy left by the death of longtime committee member Charlie Smith.

Allen Bieber Receives ASME Fellow Award

Allen Bieber was presented with the ASME Fellow Award at the 2009 Joint Rail Conference – an extremely prestigious award that was well earned by this veteran GE locomotive mechanical engineer, and former RTD Chairman, who continues to serve our railroad industry with his many talents.

2009 JOINT RAIL CONFERENCE An Excellent Learning Opportunity

The ASME 2009 Joint Rail Conference, held March 4-5, 2009, in Pueblo, CO, immediately following the AAR Annual Research Review, was a great success. The conference was sponsored by three technical groups, ASME Rail Transportation Division (RTD), the ASCE Transportation Development Institute, and the IEEE Vehicular Technology Society. The conference theme this year was, “Civil, Mechanical and Electrical Improvements in Rail Technology.”

JRC 2009 had a total of 111 attendees and 41 papers and technical presentations. Technical sessions were well attended and included: Railway Civil Engineering Structures, Mechanical Component Reliability, Computer Modeling, Rail and Track Inspection Technology, Truck Design and Performance, Energy and Fuel Conservation, Advances in Wheel Research, Truck Design and Performance, passenger and Freight Structures and Crashworthiness, Operations and Train Control, and Railway Electrical Engineering Research.

The conference opened with remarks by keynote speaker Roy Allen, President of TTCI and the conference dinner speaker was Michael Iden, General Director of Locomotives for Union Pacific Railroad, who provided an overview of issues related to “green” locomotive technology.

The 2009 JRC Technical Tour included a tour of the Pueblo Chemical Weapons Destruction Pilot Plant in Pueblo, CO, and a visit to the Emergency Response and

Training Center (ERTC) at the Transportation Technology Center, Inc. A live demonstration of a simulated tank car derailment and fire was staged for the RTD tour attendees. Additionally, tour attendees heard a presentation on Positive Train Control at TTCI.

Our industry continues to see excellent JRC technical content when we bring together ASME, ASCE and IEEE. Congratulations to all organizers, authors, speakers and attendees for making JRC 2009 another fantastic success.

Please thank the following companies that helped make this conference a success by sponsoring the reception and program:

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**2009 Fall Technical Conference
Fort Worth, Texas
October 20-21, 2009
21st Century Rail, Looking to the Future**

MONDAY, OCTOBER 19, 2009

RTD COMMITTEE MEETINGS:

2:00 pm - 5:15 pm RTD Committee Business Meetings

TUESDAY, OCTOBER 20, 2009

TECHNICAL TOUR:

**7:30 am - 11:30 pm
Trinity Industries Car Manufacturing Plant
BNSF Network Operations Center**

CONFERENCE BOX LUNCH AT HOTEL:

12:00 pm - 12:45 pm (also Tues. Authors' Orientation)

RTD TECHNICAL SESSIONS:

**1:00 pm - 2:45 pm -- Session 1
3:00 pm - 4:45 pm -- Session 2**

RTD RECEPTION/DINNER:

5:00 pm - 7:30 pm -- Conference Reception/Dinner/Program

WEDNESDAY, OCTOBER 21, 2009

CONFERENCE BUFFET BREAKFAST – NO PROGRAM:

7:00 am - 7:45 am All-Conference Breakfast (also Wed. Authors' Orientation)

RTD TECHNICAL SESSIONS:

**8:00 am - 9:45 am Session 3
10:00 am - 11:45 pm Session 4**

CONFERENCE BUFFET LUNCHEON – NO PROGRAM:

11:45 am - 12:30 pm – All-Conference Buffet Luncheon

**12:45 pm - 2:30 pm Session 5
2:45 pm - 4:30 pm Session 6**

4:30 pm - 4:45 pm – Refreshment Break

4:45 pm - 6:15 pm Session 7

ASME Rail Transportation Division (RTD) provides

**MEMBERSHIP DEVELOPMENT
ACTIVITIES**

education, information and technology advances for the International Rail Industry to advance productivity, reliability and safety of rail systems. RTD membership consists of railroad operators, suppliers, academia and government. As of August, 2009, RTD's primary membership stands at 671 and total membership stands at 2317. In June, RTD committee put a poster at the 9th International Heavy Haul conference in Shanghai which attracted attention from Chinese railroaders.



RTD conferences offer a benefit that non-members who pay the full non-member conference registration fee are eligible for one year free ASME Membership. After the 2009 JRC in Pueblo, 5 people signed up for the memberships.

Welcome, New Members! We hope you find your active participation with RTD very rewarding.

To help RTD to grow, please share your thoughts and RTD newsletters with your peers who would be interested in participating and contributing. Or just



simply mention RTD to the railroad people who have not heard about us. Membership requirements and application forms are available on-line.

http://www.asme.org/Membership/Dues_Service_Charges.cfm



2010



CALL FOR PAPERS & PRESENTATIONS

2010 Joint Rail Conference

HIGH-SPEED AND INTERCITY PASSENGER RAIL

University of Illinois at Urbana-Champaign, Illinois, USA

April 27 - 29, 2010

JRC 2010 is a cooperative effort of the five sponsoring organizations and will be the principal, multi-disciplinary, North American conference focused on rail transportation next year. The conference will be held 27-29 April 2010 on the campus of the University of Illinois at Urbana-Champaign in Urbana, IL 140 mi, (225 km) south of Chicago, Illinois, U.S.A..

Papers and presentations are being solicited on all aspects of railroad civil, mechanical, electrical and systems engineering, as well rail safety, planning, design, financing, operations and management. Both freight and passenger rail subjects will be included, but the conference theme will be high-speed rail (HSR) and other forms of developing intercity passenger rail. Topics we are encouraging submissions on include but not limited to:

<p>Railroad Infrastructure Engineering</p> <p>Heavy axle load engineering, advances in track systems and components, railbed substructure engineering, bridge engineering, electrification, best maintenance practices</p>	<p>Shared Corridors</p> <p>Rail capacity, operation, interoperability, regulatory challenges for HSR, compliant and non-compliant rolling stock, integration of train control systems, combined HAL & HSR infrastructure challenges</p>
<p>Rail Equipment Engineering</p> <p>Motive power technology, energy efficiency and emissions, rolling stock design and performance, crashworthiness, rolling stock components, equipment manufacturing</p>	<p>Planning, Management & Operation</p> <p>Planning & financing HSR, HSR-oriented development, project management, transport mode integration, service recovery and planning, reliability, information systems, human resources & academic programs</p>
<p>HSR Experience & Development</p> <p>International & North American experience, Federal and state development plans</p>	<p>Safety, Security & Environment</p> <p>PTC, human factors, employee fatigue, close-call reporting, train safety, risk analysis, security, emergency response, environmental performance</p>

Abstracts due 31 October 2009

To submit an abstract go to:

<http://ict.illinois.edu/railroad/JRC/callforpapers-jrc.asp>

Companies and organizations interested in **sponsorship and exhibit opportunities** should contact

Kim Hagemann at: <JRC-2010@illinois.edu> (217) 244-0841

To be placed on the mailing list to receive further information about JRC 2010, send an e-mail to:

<JRC-2010@illinois.edu> with the subject **JRC Info** and include your: **Name, Affiliation** and **E-mail address**.

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