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Driving Directions to Transportation Technology Center, Pueblo, CO

From Colorado Springs:
Head south on I-25
Exit I-25, turn east on Exit 101, east again on Pete Jimenez/William White/United Ave/DOT Road for 21 miles
MECHANICAL RESEARCH - Grand Rivers (Breakout session 1 and 3)
1:00 pm Car and Truck Systems .................... Russell Walker
1:20 pm Impact Modeling of Cars Equipped with End-of-Car Cushioning Units ............... Adam Klopp
1:40 pm Brake Systems .............................. Scott Cummings
2:00 pm Panel Discussion
2:25 pm BREAK
2:45 pm High Performance Wheel Research ........... Kerry Jones
3:05 pm Wheel Profile Design and Maintenance ........ Scott Cummings
3:25 pm Reconditioned Bearing Performance ........ Dustin Clasby
3:45 pm Panel Discussion
4:10 pm CLOSING REMARKS ........................... Gary Fry
4:20 pm ADJOURN

TRACK & STRUCTURES RESEARCH - Colorado Room (Breakout session 2 and 4)
1:00 pm Rail Performance and Integrity ............ Ananyo Banerjee
1:20 pm Improved Rail Inspection Technologies ........ Matt Witte
1:40 pm Bridges ...................................... Duane Otter
2:00 pm Panel Discussion
2:25 pm BREAK
2:45 pm Ties and Fasteners ............................ Yin Gao
3:05 pm Substructure Systems........................... Stephen Wilk
3:25 pm Implementation of Improved Special Trackwork ...................... Benjamin Bakkum
3:45 pm Panel Discussion
4:10 pm CLOSING REMARKS ............................ Joe LoPresti
4:20 pm ADJOURN

Technology Showcase Open
Reception in the Technology Showcase 4:30 - 6:00 pm
Mountain View Dining Room, Remington Rooms, Lobby

Wednesday - March 27th, 2019
TTCI Open House and Track-Walk - TTC
5:45-6:00 am Meet Busses at Cheyenne Mountain Resort, Colorado Springs, CO
6:00 am Busses Depart for TTCI, Pueblo Colorado
7:00-7:20 am Check-In at TTCI, Pueblo, Colorado
7:20-7:50 am Breakfast at TTCI
7:50-8:00 am Opening Remarks and Safety Briefing
8:00-11:00 am TTCI Facility Tours
11:00-NOON Lunch at TTCI
NOON Busses depart for CMR, Colorado Springs, CO

Experiment Inspections and FAST Walk
Cracked Wheel Detection (ACWD site) ........................... Anish Poudel
Improved Wheels (Lead track) .............................................. Kerry Jones
Flange Bearing Turnout Frog (S9) .............................. David Davis
Improved Freight Trucks (S8) ............................................ Russell Walker
Machine Vision Inspection System (S8 and S35) ....Matt Witte, Abe Meddah
Inspection with Unmanned Aerial Vehicles (Inside S8) .... Brandon Morris
High-Strength Rail Steels (S7) ................................. Ananyo Banerjee
Rolling Contact Fatigue Simulator Display (S7) .............................. Xinggao Shu
Bearing Research (S6) .................................................. Steve Belport, Dustin Clasby
East Steel Bridge, Bridge Decks (S5) .......................... David Linkowski
Steel Span with Superelevation in Glue Laminated Ties (S3) .... Duane Otter
West Steel Bridge Member Level Redundancy (S3) ........... Anna Rakocy
Effects of Track Gage on Intermediate Hardness Rail Steels (S3) ... Ryan Alishio
Draft Systems (S40) ...................................................... Adam Klopp
Brake Systems (S40) .................................................. Scott Cummings
Full-Section High-Hardness, and Impact Treated Thermite Welds (S31) .......(Megan Brice) Brandon Zane
Effects of Moisture on Track Geometry (S36) ...................... Stephen Wilk
Steering Switch Points Heavy Point Frog (S28) ...................... Ben Bakkum
Wood, Composite, and Concrete Tie and Fastener Tests (S25) ....... Yin Gao
24th Annual AAR Research Review Program Guide
Innovate and Implement to Improve—
Cheyenne Mountain Resort
3225 Broadmoor Valley Road
Colorado Springs, Colorado 80906
Monday - March 25th, 2019
2:00-6:00 pm Registration Tables Open
4:30 -6:00 pm Technology Showcase Opens
Mountain View Dining Room, Remington Rooms, Lobby

Tuesday - March 26th, 2019
6:30-8:00 am Breakfast
7:00 am Registration Tables Open

Plenary Session - Colorado Room
Opening Session
8:00 am Call to Order and Safety Briefing . Gary Fry, TTCI
8:10 am Welcome . Special Guest
8:20 am Opening Remarks . Gary Fry and Lisa Stabler, TTCI
8:30 am Keynote Address . Ronald L. Batory, Administrator, Federal Railroad Administration

Plenary Technical Session I
9:00 am Automated Train Operations . Michael Newcomb, Chair, AAR Train Control, Communications, and Operations Committee, Union Pacific
9:30 am Advanced Wheel Inspection Technology Implementation . Casey Dyer, Senior Director Freight Car Planning & Operations, Union Pacific
10:00 am Break

Plenary Technical Session II
10:30 am FRA Research Highlights . Maryam Allahyar-Wyrick, Director, Research, Development, and Technology, Federal Railroad Administration
10:50 am Track and Structures Evaluations: FAST and Revenue Service . Joe LoPresti, TTCI
11:10 am Emerging Technology for Automated Detection . Matt Witte, TTCI
11:30-12:50 Technology Showcase Open, Lunch Served