

## Rail Group (AR)

### **Passenger Rail Transportation Committee (AR010)**

Tuesday, Jan 07, 2025 3:45PM - 5:30PM, Chinatown (M3) / Marriott Marquis

Scope: This committee is concerned with research that will lead to better planning and implementation of intercity rail passenger systems, with particular emphasis on the full range of high-speed systems including new technology. This research will include demand analysis, financial considerations, economic impacts (including consideration of user and social benefits), and institutional arrangements including public-private partnerships. The research should also address impacts on other rail operations, coordination with other modes, rail-highway interfaces, corridor versus system concerns, technology assessment, environmental impacts, and implementation strategies.

Chair: Rachel Copperman

[RCopperman@camsys.com](mailto:RCopperman@camsys.com)

### **Rail Rolling Stock and Motive Power Committee (AR020)**

Tuesday, Jan 07, 2025 10:15AM - 12:00PM, Treasury (M4) / Marriott Marquis

Scope: This committee is interested in all manner of technologies related to rail rolling stock and motive power including, but not limited to: freight rail; intercity passenger rail; commuter rail; high speed rail; and light rail. Topics of interest include emissions; propulsion; energy efficiency; rail wheel interface; interoperable equipment; alternative fuel and propulsion systems; and other rail equipment-related areas. The committee is also concerned with the introduction of new technologies and vehicles for guided passenger and freight transportation systems, both passenger and freight, and reviewing regulatory barriers that may hinder the introduction of new technologies or equipment.

Chair: Davidson Ward

[dward@fmwsolutions.com](mailto:dward@fmwsolutions.com)

### **Railroad Operating Technologies Committee (AR030)**

Monday, Jan 06, 2025 3:45PM - 5:30PM, Treasury (M4) / Marriott Marquis

Scope: This committee is concerned with exploration of innovative strategies and application of new technologies to enhance and support rail freight, passenger, and transit operation. The committee's focus areas include command, control, communications, and information (C3I) systems; energy supply, distribution, efficiency and propulsion systems. The committee is concerned with technical aspects of new technology implementation, as well as system safety, reliability, and maintainability. Consideration is also given to economic factors, including benefits and life-cycle costs.

Chair: Jeff Schultz

[Jeff.Schultz@deainc.com](mailto:Jeff.Schultz@deainc.com)

**Freight Rail Transportation Committee (AR040)**

Tuesday, Jan 07, 2025 1:30PM - 3:15PM, Chinatown (M3) / Marriott Marquis

Scope: The committee is concerned with the spectrum of strategic, technical and planning issues related to freight rail transportation. The Committee's areas of emphasis include relationships between railroads, including the roles of railroads in the freight marketplace; demand for freight services, including intermodal traffic; the economics of freight railroads and related topics; integrating rail transport into federal, state and local transportation planning processes; public and private investment strategies including public/private partnerships; assessing regulatory issues and impacts; identifying areas of needed technical research; and promoting implementation of new rail technology.

Chair: Kevin Keller

[kevin.keller@hdrinc.com](mailto:kevin.keller@hdrinc.com)

**Railroad Infrastructure Design and Maintenance Committee (AR050)**

Tuesday, Jan 07, 2025 1:30PM - 3:15PM, Treasury FG (M4) / Marriott Marquis

Scope: This committee is concerned with the factors, both internal and external, influencing the interactions that occur between the various components of a track structure and its supporting systems. This includes the development, evaluation and application of new and existing theories and technology all directed toward a better understanding of the performance of the system as a whole. Among the factors of interest are dimensions and mechanical properties of components, traffic loadings, and their interaction with the track system, safety, economics, environmental conditions, construction and maintenance.

Chair: Adam Bankston

[Adam.Bankston@BNSF.com](mailto:Adam.Bankston@BNSF.com)

**Rail Transit Infrastructure Design and Maintenance Committee (AR060)**

Monday, Jan 06, 2025 1:30PM - 3:15PM, Treasury (M4) / Marriott Marquis

Scope: This committee is concerned with the identification of research needs and dissemination of research related to the design, maintenance, and construction of transit right of way infrastructure features such as track, traction power systems, structure, stations, communications and signals, and other related features located in a heavy, light, or commuter rail transit system.

Chair: Hugh Fuller

[hfuller@hntb.com](mailto:hfuller@hntb.com)

**Rail Safety Committee (AR070)**

Monday, Jan 06, 2025 10:15AM - 12:00PM, Chinatown (M3) / Marriott Marquis

Scope: This committee employs industry data and expertise of research operations and academic professionals to identify and perform thorough evaluations of concepts, methods, and technologies that will enhance the safety of railroad operations, railroad employees and the public.

Chair: Michael Coplen

[mcoplen@truesafetysafeval.com](mailto:mcoplen@truesafetysafeval.com)

**Highway-Rail Grade Crossings Committee (AR080)**

Monday, Jan 06, 2025 10:15AM - 12:00PM, Chinatown (M3) / Marriott Marquis

Scope: This committee is concerned with the safety and other affected characteristics (including economic considerations, traffic flow and delay, and countermeasures) of both highway and rail traffic at points where they intersect at grade, including the proximate surrounding environment and also including rail transit facilities.

Chair: Samantha Chadwick

[samantha.chadwick@dot.gov](mailto:samantha.chadwick@dot.gov)