



Annual Meeting 2025

Date Friday, October 03, 2025
Location The Westin Chicago River North
320 N Dearborn St, Chicago, IL 60654
MS Teams Link <http://tiny.cc/DuRe-Transp2025>

Time Schedule

10:20 Welcome Remarks
10:30 Keynote Presentations – DuRe-Transp EAC
Presentation #1 Industrial Advisor AshGrove-CRH
Presentation #2 Industrial Advisor Heidelberg Materials
Presentation #3 Ozinga-Ready Mix Concrete (Chicago, IL)

Break and Poster Session 11:30-11:45

11:45 Roundtable Discussion
“Transitioning to Portland Limestone Cements: New Directions and Challenges”

Networking Lunch and Poster Session: 12:30-13:30 Closed Door Meeting of DuRe-Transp Directors and EAC

DuRe Transp Projects: Construction and Durability

Chairs: M.S. Konsta-Gdoutos, K. Khayat

13:30 Performance of Fiber-Reinforced Concrete for Bridge Construction and Rehabilitation, by K. Khayat
13:40 Next Generation Concrete Pavement Materials for Transportation Infrastructure, by M.S. Konsta-Gdoutos
13:50 Field Implementation of Concretes with Nontraditional and Natural Pozzolans, by J. Olek
14:00 Optimizing Cementitious Systems for Alternative Cements using Thermodynamic Modeling, by J. Weiss
14:10 AI/video-driven SHM and Lifespan Estimation of In-service Bridges, by C. Marin

Chairs: V. Karbhari, J. Olek

14:20 Use of Nanomaterials to Enhance High-Performance Concrete for Ready-Mix and Precast/Prestressed Infrastructure Applications, by K. Khayat, M.S. Konsta-Gdoutos, P. Danoglidis and V. Karbhari
14:30 Quantitative Risk Assessment of Concrete Infrastructure Assets, by M. Shahandashti
14:40 Extending the Lifespan of Concrete Superstructures via Alkali-Silica Reaction Mitigation, by P. Danoglidis
14:50 UHPC for Durable and Post-Earthquake Functional Recovery Bridge Piers, by S. Chao
15:00 Comprehensive Diagnostic System for Corrosion Assessment of Concrete Infrastructure, by J. Sarangapani

Break and Poster Session 15:10-15:20

DuRe Transp Projects: Finance

Chairs: C. Marin, J. Weiss

15:20 Machine Learning Maintenance Cost Forecast for Better Infrastructure LCCA, by D. Enke
15:30 Commercial Vehicle Life Cycle Use Fees Based on Pavement Impact, by S. Mattingly
15:40 Role of Blockchain Enabled Smart Contracts in Facilitating Transportation Sector Projects, by Islam El-Adaway
15:50 Closing Remarks and Best Poster Award