

TENTATIVE PROGRAM

Friday, December 8, 2017

St. Pat's Ballroom, Havener Center, Missouri University of Science and Technology, Rolla, MO

8:30 – 8:50	Welcome – Kamal H. Khayat, Chairman, Missouri S&T
	Opening Remarks – Richard Wlezien, Dean of the College of Engineering and Computing, Missouri S&T
Session #1: Novel Construction Materials and Systems Moderator: William Stone, MoDOT	
8:50 – 9:30	Amr Elnashai , University of Houston (keynote) Seismic Capacity Assessment of Multi-span RC Bridges by Hybrid Simulation
9:30 – 9:50	John Myers Missouri S&T Application of Composite Materials Technology into Bridge Applications in Missouri and their Long-term Durability Performance
9:50 – 10:10	Brett Trautman , MO Department of Transportation (Co-Presenter: William Stone, MoDOT) Use of Fibers in Concrete Overlays and Taos Bridge Construction
10:10 – 10:40	BREAK / STUDENT POSTER SESSION
Session #2: Novel Construction Materials Moderator: Kamal H. Khayat, Missouri S&T	
10:40 – 11:20	David Lange , University of Illinois-Urbana-Champaign (keynote) Novel Solutions for Recycling Concrete at Airports
11:20 – 11:40	Jie Huang , Missouri S&T Optical and Microwave Interferometric Sensors for Structural Health Monitoring
11:40 – 12:00	Xianbiao Hu , Missouri S&T (Co-Presenter: Dr. Yaw Adu-Gyamfi , University of Missouri at Columbia) Building a University of Missouri System Transportation Big Data Cloud Platform
12:00 – 1:00	LUNCH / STUDENT POSTER SESSION
Session #3: Sustainable Transportation Moderator: David Ahlvers, MoDOT	
1:00 – 1:40	Peter Taylor , Iowa State (keynote) Test Methods being Developed at the CPTech Center
1:40 – 2:00	Jenny Liu , Missouri S&T Cracking Resistance Evaluation of Paving Interlayers in Asphalt Pavement
2:00 – 2:20	Mohammad ElGawady , Missouri S&T Green Chip Seal Pavement Using Recycled Crumb Rubber Aggregate
2:20 – 2:50	BREAK / STUDENT POSTER SESSION
Session #4: Infrastructure Systems Moderator: Lesley Sneed, Missouri S&T	
2:50 – 3:30	William Stone , MO Department of Transportation (keynote) Intelligent Compaction Efforts in Missouri
3:30 – 3:50	Julie Hartell , Oklahoma State University Resistivity Testing for Quality Control of Concrete Mixtures
3:50 – 4:00	Winners of Poster Competition and Closing Remarks – William Stone, Co-Chairman, MoDOT