<table>
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| 9:00 – 9:20 | Welcome  
Opening Remarks |
| 9:20 – 10:00 | **Session #1** - Moderator: William Stone, MoDOT  
**Keynote Speaker** – David Alhvers, Missouri Department of Transportation  
Capturing Innovation at the DOT |
| 10:00 – 10:40 | **Keynote Speaker** – Hani Nassif, Professor and Co-Director, Rutgers Infrastructure Monitoring and Evaluation (RIME) Group, Rutgers University  
Structural Health Monitoring for the Assessment of Cracking Potential in Concrete Structures |
| 10:40 – 11:00 | BREAK |
| 11:00 – 11:40 | **Session #2** - Moderator: Kamal H. Khayat, Missouri S&T  
**Keynote Speaker** – Mark Luther, Technical Service Engineering, Holcim (US) Inc.  
New Specification Development: Type IL Cement for Concrete |
| 11:40 – 12:00 | Unbonded Portland Cement Concrete/Pavement Monitoring with Integrated Grating (Local) and Scattering (Global) Optical Fiber Sensors  
Genda Chen |
| 12:00 – 12:20 | SmartBrick – a Structural Health Monitoring Device  
Sahra Sedigh Sarvestani |
| 12:20 – 1:30 | LUNCH |
| 1:30 – 2:10 | **Session #3** - Moderator: David Alhvers, MoDOT  
**Keynote Speaker** - Ross Anderson, Senior Vice President, Bowman, Barrett & Associates  
The O’Hare Modernization Program Engineering Challenges |
| 2:10 – 2:30 | Repair of Severely Damaged Reinforced Concrete Bridge Columns  
Lesley Sneed |
| 2:30 – 2:50 | Behavior of Hollow-Core FRP-Concrete-Steel Columns under Extreme Loading  
Mohamed Elgawady |
| 2:50 – 3:10 | BREAK |
| 3:10 – 3:30 | **Session #4** - Moderator: Genda Chen, Missouri S&T  
Recycled Concrete Aggregate for Infrastructure Elements  
Jeffery Volz, University of Oklahoma |
| 3:30 – 3:50 | Self-Consolidating Concrete for Connecting Precast Concrete Deck Panels and I-Girders  
George Morcous, University of Nebraska - Lincoln |
| 3:50 – 4:10 | Monitoring Curing Process of Self-Consolidating Concrete with Bender Element Method  
Jianfeng Zhu, Masters student of Dr. Bate Bate |
| 4:10 – 4:30 | Use of Numerical Simulations to Predict the Influence of Rebar Configuration on Flow Pattern of Self-Consolidating Concrete in Formwork  
Dimitri Feys |
| 4:30– 4:45 | Closing Remarks – Kamal H. Khayat |
| 5:00 – 5:30 | Optional Laboratory Tour |