**Week 1**

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**Plenary Session I – Thursday, February 18, 2021 – (12:00-2:20pm)**

**Session Moderator:** Bassem Andrawes, Professor, CEE at Illinois (Urbana, IL)

12:00pm Welcome

12:05pm “Miami, FL Pedestrian Bridge Collapse Investigation, March 15, 2018”

*Dan Walsh, PE, National Transportation Safety Board (City, State)*

*Steve Prouty, PE, National Transportation Safety Board (City, State)*

*Robert Accetta, Investigator-in-Charge, National Transportation Safety Board (City, State)*

12:50pm 3D Printed Concrete Molds

*Diana Hun, Group Leader, Building Envelope Materials Research Subprogram Manager for Building Envelopes, Oak Ridge National Lab (Oak Ridge, TN)*

1:35pm Topology Optimization in Structural Design and Multidisciplinary Engineering

*Shelly Zhang, Assistant Professor, CEE Faculty at Illinois (Urbana, IL)*

**Plenary Session II – Friday, February 19, 2021 – (12:00-2:20pm)**

**Session Moderator:** Jim LaFave, Professor, CEE at Illinois (Urbana, IL)

12:00pm Welcome

12:05pm Al Wasl Plaza Trellis of Expo 2020 Dubai

*JJ Tobolski, Associate, Thornton Tomasetti (Chicago, IL)*

12:50pm Lifecycle Analysis-EC3

*Don Davies, President, Magnusson Klemencic Associates (Seattle, WA)*

1:35pm Adaptive and Deployable Lightweight Infrastructure

*Ann Sychterz, Assistant Professor, CEE at Illinois (Urbana, IL)*
Bridge Session – Thursday, February 25, 2021 – (12:00-3:05pm)

**Session Moderator:** Larry Fahnestock, Professor, CEE at Illinois (Urbana, IL)

12:00pm  Welcome

12:05pm  I-5 – Record Length Precast Girders  
         *Eric Peiffer*, Senior Structural Engineer, Jacobs (Seattle, WA)  
         *Kevin Dusenberry*, Senior Project Manager, Jacobs (Seattle, WA)

12:50pm  “The Danziger Liftspan Bridge, New Orleans, LA”  
         *Jonathan C. McGormley*, Principal, Wiss, Janney, Elstner Associates (Northbrook, IL)

1:35pm  Design and Construction of the I-294 Mile Long Bridge  
         *Mohamad Faraj*, Senior Project Engineer, Illinois State Toll Highway Authority (Downers Grove, IL)  
         *Patrick Keenan*, Structural Engineer, Lochner (Chicago, IL)  
         *Marcin Krok*, Senior Structural Engineer, HDR, Inc. (Rosemont, IL)

2:20pm  Lakefront Trail, Chicago  
         *Dan Burke*, Managing Deputy Commissioner and Chief Engineer at the Chicago Department of Transportation (Chicago, IL)  
         *Tony Shkurti*, HNTB Fellow and Associate Vice President (Chicago, IL)

Building Session – Friday, February 26, 2021 – (12:00-3:05pm)

**Session Moderator:** Frank Lombardo, Assistant Professor, CEE at Illinois (Urbana, IL)

12:00pm  Welcome

12:05pm  Hotel Julian Chicago IL  
         *David Nickell*, Principal, TGRWA (Chicago, IL)

12:50pm  Greenland Hangzhou Gate, China  
         *Han Ding*, Structural Engineering Associate, SOM (Chicago, IL)
1:35pm  “Performance Based Wind Design” An Alternative to ASCE 7 Design Methodology
Russell Larsen, Senior Associate, Magnusson Klemencic Associates (Seattle, WA)

2:20pm  Illinois State Fairgrounds Coliseum Renovation
Thomas Packman, PE, Hanson (Springfield, IL)