Thursday, March 26, 2020
I Hotel and Conference Center
1900 South First Street, Champaign, Illinois 61820

Plenary Session, Illinois Ballroom

Presiding: Bassem Andrawes, Professor, CEE at Illinois (Urbana, IL)

8:00am Conference Registration
Breakfast, Chancellor Ballroom

8:50am Welcome

9:00am Investigation of the FIU University City Prosperity Pedestrian Bridge Collapse
Gary Klein, Senior Principal and Executive Vice President, Wiss, Janney, Elstner Associates, Inc. (Northbrook, IL)

9:40am Lifecycle Analysis-EC3
Don Davies, President, Magnusson Klemencic Associates (Seattle, WA)

10:20am BREAK

10:40am Al Wasl Plaza Trellis of Dubai Expo 2020
JJ Tobolski, Associate, Thornton Tomasetti (Chicago, IL)

11:20 am Computational Flutter Analysis for Ohio River Cable-Stay Bridges
Carlos Matos, Senior Structural Engineer, Jacobs (St. Louis, MO)

12:00pm Lunch and Poster Session, Chancellor Ballroom

Afternoon Concurrent Sessions

Concurrent Session 1 – Building Structures, Illinois Ballroom B/C
Session Moderator: Frank Lombardo, Assistant Professor, CEE at Illinois (Urbana, IL)

1:00pm Hotel Julian Chicago IL
David Nickell, Principal, TGRWA (Chicago, IL)

1:35pm Greenland Hangzhou Gate, China
Han Ding, Structural Engineering Associate, SOM (Chicago, IL)
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| 2:10pm | Rufus 2.0 Spheres<br>
*Robert Baxter*, Principal, Magnusson Klemencic Associates (Seattle, WA) |
| 2:45pm | BREAK                                                                     |
| 3:05pm | Illinois State Fairgrounds Coliseum Renovation<br>
*Thomas Packman*, PE, Hanson (Springfield, IL)<br>
*Karla Smalley*, Associate Principal, Baily Edward (Springfield, IL) |
| 3:40pm | Topology Optimization in Structural Design and Multidisciplinary Engineering<br>
*Shelly Zhang*, Assistant Professor, CEE Faculty at Illinois (Urbana, IL) |
| 4:15pm | ADJOURN                                                                   |

**Concurrent Session 2 – Bridge Structures, Illinois Ballroom A**

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

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| 1:00pm | Lake Shore Drive Bridge – Girder Fracture Investigation<br>
*Patrick Marra*, Senior Associate, WJE (Northbrook, IL) |
| 1:35pm | BIM for Bridges<br>
*Julie Rivera*, Project Manager, HDR (Rosemont, IL)<br>
*Connor Christian*, Transportation BIM Program Manager, HDR (Minneapolis, MN)<br>
*Pat Claussen*, Engineer of Bridge Planning, IDOT (Springfield, IL) |
| 2:10pm | I-405 Improvement Project Fairview Road OC Replacement Splice Pre-cast Pre-stressed Post-tensioned Girder Bridge<br>
*Andy Lohan*, Structural Engineer, Lochner (Chicago, IL) |
| 2:45pm | BREAK                                                                     |
| 3:05pm | Lakefront Trail, Chicago<br>
*Dan Burke*, Managing Deputy Commissioner and Chief Engineer at the Chicago Department of Transportation (Chicago, IL)<br>
*Tony Shkurti*, HNTB Fellow and Associate Vice President (Chicago, IL) |
| 3:40pm | Service Behavior and Seismic Response of Integral Abutment Bridges<br>
*Larry Fahnestock*, Professor, CEE at Illinois (Urbana, IL) |
| 4:15pm | ADJOURN                                                                   |