

# 2019 ABC-UTC Research Day

## FINAL SCHEDULE

Friday, November 8, 2019

### (ABC-UTC Cycle 2 Projects)

#### FLORIDA INTERNATIONAL UNIVERSITY (LEAD)

| Name Of PI         | Project  | Time            |
|--------------------|--|-----------------|
| Armin Mehrabi      | Welcome by ABC-UTC Director of Research, Armin Mehrabi   | 10:00am-10:10am |
| Armin Mehrabi      | Development of ABC Course Module- Available ABC Bridge Systems for Short Span Bridges                    | 10:10am-10:30am |
| Atorod Azizinamini | Laminated Wood Deck System For Folded Plate Girder   | 10:30am-10:50am |
| Islam Mantawy      | Optimization of Advanced Cementitious Material for Bridge Deck Overlays and Upgrade, Including Shotcrete | 10:50am-11:10am |
| Islam Mantawy      | Robotics and Automation in ABC Projects  | 11:10am-11:30am |

#### IOWA STATE UNIVERSITY

| Name Of PI           | Project   | Time            |
|----------------------|---|-----------------|
| Jennifer S. Shane,   | Synthesis of available contracting methods  | 11:30am-11:50am |
| Behrouz Shafei       | Development of ABC Course Module- Design of Link Slabs  | 11:50am-12:10pm |
| Justin Dhalburg      | Performance of Existing ABC Projects- Inspection Case Studies (ISU Lead)  | 12:10pm-12:30pm |
| Armin Mehrabi        | Performance of Existing ABC Projects - Inspection Case Studies (FIU)  | 12:30pm-12:40pm |
| Mohamed Moustafa     | Performance of Existing ABC Projects - Inspection Case Studies (UNR)  | 12:40pm-12:50pm |
| Christopher Ramseyer | Performance of Existing ABC Projects - Inspection Case Studies (OU)   | 12:50pm-1:00pm  |
| John Stanton         | Performance of Existing ABC Projects - Inspection Case Studies (UW)   | 1:00pm-1:10pm   |
| All PI's             | <b>Question &amp; Answer Session (For all PI's on Performance of Existing ABC Projects - Inspection Case Studies)</b> | 1:10pm-1:20pm   |

#### UNIVERSITY OF NEVADA, RENO

| Name Of PI       | Project  | Time          |
|------------------|--|---------------|
| Mohamed Moustafa | Synthesis of available methods for repair of prestress girder ends | 1:20pm-1:40pm |

# UNIVERSITY OF OKLAHOMA

| Name Of PI             | Project  | Time                 |               |
|------------------------|--|----------------------|---------------|
| Royce W. Floyd         | Development of Non-Proprietary UHPC Mix (OU Lead)  | <b>1:40pm-3:10pm</b> | 1:40pm-2:00pm |
| David Garber           | Development of Non-Proprietary UHPC Mix (FIU)  |                      | 2:00pm-2:15pm |
| Mohamed Moustafa       | Development of Non-Proprietary UHPC Mix - Application to Deck Panel Joints (UNR)   |                      | 2:15pm-2:30pm |
| Behrouz Shafei         | Development of Non-Proprietary UHPC Mix  |                      | 2:30pm-2:45pm |
| Paolo Calvi            | Development of Non-Proprietary UHPC Mix - Evaluation of the Shear Strength of UHPC   |                      | 2:45pm-3:00pm |
| All PI's               | <b>Question &amp; Answer Session (For all PI's on Development of Non-Proprietary UHPC Mix)</b>                                       |                      | 3:00pm-3:10pm |
| Philip Scott Harvey Jr | Development of ABC Course Module - The risk due to Induced Earthquakes and Accelerated Solution (under technology transfer activity) | 3:10pm-3:30pm        |               |

# UNIVERSITY OF WASHINGTON

| Name Of PI        | Project  | Time          |
|-------------------|--|---------------|
| John Stanton      | Development of ABC Course Module- Seismic Connections  | 3:30pm-3:50pm |
| Dawn Lehman       | Development of ABC Course Module - Design of CFST Components and Connections for Transportation Structures | 3:50pm-4:10pm |
| Marc Eberhard     | UW-2016-2-5- Tsunami Design Forces for ABC Retrofit  | 4:10pm-4:30pm |
| Dr. Armin Mehrabi | Wrap up by ABC-UTC Director of Research  | 4:30pm-4:40pm |