ACI COMMITTEE 341 MEETING - EARTHQUAKE-RESISTANT CONCRETE BRIDGES
Sunday, October 20, 2019
Duke Energy Convention Center & Hyatt Regency, Cincinnati, OH

MAIN COMMITTEE
341 Main Committee Sunday 2:00 PM - 5:00 PM C-211

SUBCOMMITTEES
341-A Columns Sunday 10:00 AM - 11:30 AM C-211
341-C Retrofit Sunday 12:30 PM - 2:00 PM C-211

OTHER BRIDGE COMMITTEES
342 Bridge Evaluation Sunday 8:30 AM - 10:30 AM C-230
343 Bridge Design Monday 10:00 AM - 12:00 PM C-211
345 Construction Sunday 1:30 PM - 3:30 PM C-261

MEETING AGENDA
1) Call to order and introduction
2) Approval of the meeting agenda
3) Review and approval of the Quebec City meeting minutes
4) Membership updates, Committee and subcommittee updates
5) Technical Sessions

Fall 2019 – A River of Knowledge
October 20-24, Duke Energy Convention Center & Hyatt Regency Cincinnati, Cincinnati, OH
- Fragility Assessment of Earthquake-Resistant Reinforced Concrete Bridges (Moustafa), Tue October 22, 2019, 11:00 AM - 1:00 PM, C-Junior Ballroom D
- Mini-session submitted by Shahria to support new direction of the retrofit C/D subcommittees (didn’t happen?)

Spring 2020 – Concrete in the Windy City
March 29-April 2, Hyatt Regency O'Hare, Rosemont, IL
- Preliminary session request: March 29, 2019
- Final session request: October 25, 2019
- Proposed sessions
  o Joint session with MAE on Midwest seismic interests (Gencturk, Gardoni, need to submit final session request still). Dedicate to memory of Mark Aschheim?
  o SSI session that includes not only modeling but also SSI for design and retrofit (Pantazopoulou, need to submit final session request still). Dedicate to memory of Mark Aschheim?
**Fall 2020 – Theme TBD**
October 25-29, Raleigh Convention Center & Raleigh Marriott, Raleigh, NC
- Preliminary session request: October 25, 2019
- Final session request: April 3, 2020
- Proposed sessions
  - New and novel bridge systems (not just columns) for seismic regions, should investigate prestress applications, post-tensioning and pier enlargement
  - ABC more broadly (not just columns) mini-session (Tazarv)?
  - Sessions to support the Retrofit and PBD subcommittees? Performance-based seismic design example studies could be presented but solicit engagement from broader audience? We should do it (session to support retrofit) every year (Alam)

**Spring 2021 – Theme TBD**
March 28-April 1, Hilton & Marriott Baltimore, Baltimore, MD
- Preliminary session request: April 3, 2020
- Final session request: October 30, 2020
- Proposed sessions
  - Showcase of new global seismic bridge projects recently constructed
  - High speed rail and light rail (Nadim, Shukre)
  - New ideas?

**Fall 2021 – Theme TBD**
October 17-21, Hilton Atlanta Downtown, Atlanta, GA
- Preliminary session request: October 30, 2020
- Final session request: April 2, 2021
- Proposed sessions
  - New ideas?

**Non-ACI Technical Sessions**
- 17th WCEE joint with EAEE WG 11 “Response modification techniques for concrete bridges” (Mackie, Kappos)
- Joint with ASCE Seismic Effects (2020 Structures Congress is in St Louis)?
- CCEE or CSCE?
- Other conferences?

6) **Sub-Committee Reports**
   a) Performance Based Seismic Design of Bridge Columns (ElGawady, Gencturk)
   b) Wall Piers (Burgueño, Beyer)
   c) Retrofit and Repair (Alam, Despradel)
   d) Performance Based Seismic Design of Bridges (Moustafa)
   e) Bearings and Expansion Joints (Watson)
   f) Others

7) **Report from other ACI committees**
   a) ACI 342 Evaluation of Concrete Bridges and Bridge Elements
b) ACI 343 Concrete Bridge Design (Joint ACI-ASCE)
c) ACI 345 Concrete Bridge Construction, Maintenance, and Repair
d) ACI Committees 352 (Joints and Connections in Monolithic Concrete Structures, Joint ACI-ASCE), 374 (Performance-Based Seismic Design of Concrete Buildings), and 441 (Reinforced Concrete Columns, Joint ACI-ASCE)

8) Future Meetings
9) Update from TAC – Andrew Taylor
10) Other Business