



ACI COMMITTEE 341 MEETING - EARTHQUAKE-RESISTANT CONCRETE BRIDGES

Sunday, March 24, 2019

Convention Centre and Hilton Québec, Québec City, QC, Canada

MAIN COMMITTEE

341	Main Committee	Sunday	3:00 PM - 5:00 PM	CC - 302B
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SUBCOMMITTEES

341-A	Columns	Sunday	11:00 AM – 1:00 PM	CC - 302B
341-C	Retrofit	Sunday	1:00 PM – 3:00 PM	CC - 302B
341-D	PBSD	Sunday	9:00 AM – 11:00 AM	CC - 302B

OTHER BRIDGE COMMITTEES

342	Bridge Evaluation	Sunday	8:30 AM - 10:30 AM	CC - 2102 AB
343	Bridge Design	Monday	10:00 AM - 12:00 PM	CC - 303B
345	Construction	Sunday	1:30 PM - 3:30 PM	CC - 2103

MEETING AGENDA

- 1) Call to order and introduction
- 2) Approval of the meeting agenda
- 3) Review and approval of the Las Vegas meeting minutes
- 4) Membership updates, committee and subcommittee updates
- 5) Technical sessions

Spring 2019 – Nordique Concrete

March 24-28, Quebec City Convention Centre and Hilton Quebec, Quebec City, Quebec, Canada

- Effects of Extreme Events on Reinforced Concrete Columns, Part 1 of 2 (Alam, Saatcioglu), Tue, March 26, 2019 8:30 AM - 10:30 AM, C-301B
- Effects of Extreme Events on Reinforced Concrete Columns, Part 2 of 2 (Alam, Saatcioglu), Tue, March 26, 2019 11:00 AM - 1:00 PM, C-301B

Fall 2019 – A River of Knowledge

October 20-24, Duke Energy Convention Center & Hyatt Regency Cincinnati, Cincinnati, OH

- Preliminary session request: October 19, 2018
- Final session request: March 29, 2019
- Approved sessions
 - Fragility Assessment of Earthquake-Resistant Reinforced Concrete Bridges (Moustafa)
- Proposed sessions
 - ABC more broadly (not just columns) mini-session (Tazarv)? Either here or maybe

Raleigh.

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
 - Joint session with MAE on Midwest seismic interests (Gencturk, Gardoni)
 - SSI session that includes not only modeling but also SSI for design and retrofit (Pantazopoulou)

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
 - Sessions to support the Retrofit and PBD subcommittees? Performance-based seismic design example studies could be presented but solicit engagement from broader audience?
 - New ideas?

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?

Non-ACI Technical Sessions

- 17th WCEE joint with EAEE WG 11 “Response modification technique for concrete bridges” (Mackie, Kappos)
- Joint with ASCE Seismic Effects (2020 Structures Congress is in St Louis)
- 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)
- 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