



ACI COMMITTEE 341 MEETING - EARTHQUAKE-RESISTANT CONCRETE BRIDGES

Sunday, October 15, 2017
Disneyland Hotel, Anaheim, CA

MAIN COMMITTEE

341	Main Committee	Sunday	3:00 PM - 5:00 PM	D - North Hall F
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SUBCOMMITTEES

341-A	Bridges-Columns	Sunday	10:00 AM - 11:30 AM	D - Congo
341-B	Pier Walls	Sunday	11:30 AM - 12:30 PM	D - Congo
341-C	Retrofit	Sunday	1:00 PM - 3:00 PM	D - Congo
341-D	PBSD	Sunday	9:00 AM - 10:00 AM	D - Congo

OTHER BRIDGE COMMITTEES

342	Bridge Evaluation	Sunday	8:30 AM - 10:30 AM	D - Monorail C
343	Bridge Design	Monday	10:00 AM - 12:00 PM	P - San Diego
345	Construction	Sunday	1:30 PM - 3:30 PM	D - Nile

MEETING AGENDA

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

Fall 2017 – Making Connections

October 15-19, Disneyland Hotel, Anaheim, CA

- Performance-Based Design, Sunday 10:30 AM - 12:30 PM, D-Disneyland North (Abdel-Mohti, Alam)
- UHPC was declined. Previously, it was just submitted through ACI 341. Mohamed will be looking forward to tie it with ACI 249.

Spring 2018 – Concrete Elevated

March 25-29, Grand America & Little America, Salt Lake City, UT

- Preliminary session request: March 31, 2017
- Final session request: October 20, 2017
- Approved sessions
 - Accelerated Bridge Construction (Tazarv, Haber)
 - Seismic Repair and Retrofit of Concrete Bridges (Alam), revised from previous version that includes modeling of deteriorated structures and modeling for repair
 - Rating Methods for Defining Performance of Existing Concrete Bridges, Joint with

342. Abstracts were due September 1, 2017 (to Khatereh Vaghefi)

Fall 2018 – Dream Big, Build Bigger

October 14-18, Rio All-Suites Hotel & Casino, Las Vegas, NV

- Preliminary session request: October 20, 2017
- Final session request: March 30, 2018
- Approved sessions
 - Seismic Analysis, Design, and Construction of Concrete Buildings and Bridges, Joint with 345. Deadline for Abstracts: January 31, 2018, Deadline for Final Papers: April 30, 2018 (to Jimmy Kim)
- Proposed sessions
 - High speed rail and light rail (Nadim and Shukre)
 - Analysis and modeling session (like SOA from recent projects completed, not to overlap with Abdel-Mohti session)? (Moustafa)
 - Sessions to support the Retrofit and PBD subcommittees. Performance-based seismic design example studies could be presented but solicit engagement from broader audience?

Spring 2019 – Theme TBD

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

- Preliminary session request: March 30, 2018
- Final session request: October 19, 2018
- Proposed sessions
 - Sessions to support the Retrofit and PBD subcommittees?
 - Revisit an isolation session (Watson). Maybe include joints and bearings
 - New ideas?

Non-ACI Technical Sessions

- 16th ECEE joint with EAEE WG 11 “New technologies for seismic-resistant bridge columns” (Mackie)
- 11th NCEE “Advances in bridge modeling and nonlinear time history analysis” (Moustafa) and “New technologies for bridge columns” (ElGawady)
- Joint with ASCE Seismic Effects “Novel Bridges for Seismic Resilience and Enhanced Constructability” (Tazarv, Sideris)
- 6th EMM

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 – Professor Cathy French
- 10) Other Business