

Fall 2020 Meeting

Monday, October 26, 2020 12:00

Location: GoToMeeting Teleconference (<https://global.gotomeeting.com/join/742255525>)

Time: 12:00 pm - 3:00 pm (Eastern Daylight Time, UTC-4)

- 1) **Call to Order and Welcome**
- 2) **Review and Approval of Agenda**
Motion to approve: 1st - ; 2nd -
- 3) **Review and Approval of Minutes of the Previous Meeting (Virtual)**
Motion to approve: 1st - ; 2nd -
- 4) **Education Sessions (Spring 2021 - Baltimore, MD)**
 - a. ASCE Manual of Practice No. 138 - Kevin LaMalva
 - b. AI for Fire/Concrete - MZ Naser
- 5) **Research Efforts – ACI CRC Proposals**
 - a. Update from Thomas Gernay
- 6) **Membership Update**
 - a. Voting Members
 1. Akanshu Sharma

Remember, all voting members are expected to attend the bi-annual meetings in person and be actively involved in committee business. Please notify the chair should you need to miss a meeting.
- 7) **ACI Convention Meeting Time Slots**
 - a. ACI 216 Main Committee Meeting (this one)
 - b. ACI 216 Rational Design Document Working Session (Sunday, 12-2pm EST)
- 8) **Industry/Research Discussions**
 - a. Bond under Fire, Akanshu Sharma (20-min)
- 9) **Rational Design Document Update**
- 10) **216.1 Standard Update**
 - a. Revision to 216.1-14(19) new topics
 1. High strength concrete performance in members other than columns
Not currently in standard. If included, need someone to lead this effort.
 2. High strength concrete definition inconsistent between ACI 318 and 216.1
Stephen Stacey to provide update.
 3. Pre-stressed/post-stressed/precast concrete
Venkatesh Kodur, Anuj Shakya, Matt Huslig, Siva Munuswamy to provide update.
 4. Hollow clay brick considerations
Chip Clark to provide update.
 5. Autoclaved Aerated Concrete
Check with Venkatesh Kodur, someone from UK has experience with this.
 6. Concrete spalling causes and mitigation
Stephen Stacey to provide update.
 7. High strength rebar
Checked with M. Mota at CRSI for assistance, waiting for response.
 8. Anchors
Kenton McBride to provide update.
 9. Statistical approach for load combinations
Kevin Mueller to provide update.
 10. Design fire (cooling, moving, hydrocarbon) vs ASTM E119 fire
Kevin Mueller to provide update.
 - b. Create appendices to ACI 216 for new topics (future topic)
 1. Concrete Spalling
 2. Rational Design Approach
- 11) **Other Fire Related Activities**
 - a. Grenfell Tower Update, Rob Lewis
- 12) **Other Business**
 - a. ACI 440 tech note, "Performance of FRP Strengthened Members subject to Elevated Temperatures"
 - b. ACI 562, new Chapter on Fire
 1. Impact on fire on repair (prescriptive in nature)
 - Strengthening limits and adhesive applied materials
 - Post-fire event assessment of concrete structures
- 13) **Adjourn – Next Meeting - March 2021 Baltimore, MD**
Motion to approve: 1st - ; 2nd -

Voting Members

- | | |
|--|--|
| <input type="checkbox"/> Kevin Mueller | <input type="checkbox"/> Venkatesh Kodur |
| <input type="checkbox"/> Anuj Shakya | <input type="checkbox"/> Bill Gamble |
| <input type="checkbox"/> Amit Varma | <input type="checkbox"/> Amal Jayapalan |
| <input type="checkbox"/> Erica Fischer | <input type="checkbox"/> Hamzeh Hajiloo |
| <input type="checkbox"/> Kamran Nemati | <input type="checkbox"/> Kevin LaMalva |
| <input type="checkbox"/> Patrick Bamonte | <input type="checkbox"/> M Z Naser |
| <input type="checkbox"/> Jim Pawlikowski | <input type="checkbox"/> Stephen Stacey |
| <input type="checkbox"/> Luke Bisby | <input type="checkbox"/> Don Dusenberry |
| <input type="checkbox"/> Mark Green | <input type="checkbox"/> Chip Clark |
| <input type="checkbox"/> Matt Huslig | <input type="checkbox"/> Jeff Speck |
| <input type="checkbox"/> Maged Youssef | <input type="checkbox"/> Hossein Mostafaei |
| <input type="checkbox"/> Nick Lang | <input type="checkbox"/> John Perry |
| <input type="checkbox"/> Rob Lewis | <input type="checkbox"/> Long Phan |
| <input type="checkbox"/> Stephen Pessiki | <input type="checkbox"/> John Ries |
| <input type="checkbox"/> Thomas Rowe | <input type="checkbox"/> Tarek Alkhrdaji |
| <input type="checkbox"/> Kenton McBride | |

Associate Members

- Aya Aboelmagd
- David Bilow
- Louis-Samuel Bolduc
- Thomas Gernay
- James Getaz
- Jason Krohn
- Byoungjun Lee
- Sobhy Masoud
- Umesh Sharma
- Bhupinder Singh
- Martha VanGeem
- Ehab Zalok
- Shamin Rashid-Sumar
- Vitaliy Degtyarev

Consulting Members

- Max Kalafat
- Waseem Khan
- Steven Rowe
- Philip Samblanet

Visitors

- Nicolas Pinoteau
- Michael Lee
- Alex Meucci
- Wayne Wilson
- Daniel Furr
- Jamie Farny
- Martin Cuadra
- Dennis Wittry
- Siva Munuswamy
- Ray Leonhard
- Anna Birely
- Peter Schillinger
- Marco Battistessa
- Akanshu Sharma
- Fariborz Tehrani