

Fall 2021 Meeting

Monday, October 18, 2021 12:00

Location: GoToMeeting Teleconference (<https://global.gotomeeting.com/join/130387149>)

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**
 - a. ASCE Manual of Practice No. 138 - Kevin LaMalva (Preliminary approval for Spring 2022)
- 5) **Research Efforts – ACI CRC Proposals**
 - a. "Experimental and numerical assessment of fire damage to RC tunnel liners"
 1. Negar Elhami-Khorasani and Anthony Tessari
 - b. Update from Thomas Gernay and Patrick Bamonte
 1. "Behavior and Design of Concrete Structures under Natural Fires"
- 6) **Membership Update**
 - a. Associate Members
 1. Elias Yusuf
 2. Nicolas Pinoteau

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**
- 9) **Rational Design Document Update**
- 10) **216.1 Standard Update**
 - a. Revision to 216.1-14(19) new topics
 - b. Other general updates:
 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
 4. Autoclaved Aerated Concrete
Check with Venkatesh Kodur, someone from UK has experience with this.
 5. Concrete spalling causes and mitigation
Stephen Stacey to provide update.
 6. High strength rebar
Checked with M. Mota at CRSI for assistance, waiting for response.
 7. Anchors
Kenton McBride to provide update.
 - c. Create appendices to ACI 216 for new topics (future topic)
 1. Concrete Spalling
 2. Rational Design Approach
 - d. Lead Reviewers/Authors
 1. Chapter 1,2,3 - Wait until end (Kevin Mueller)
 2. Chapter 4 - New Materials Chapter (Anuj Shakya)
 3. Chapter 5 - Concrete (Stephen Stacey)
 4. Chapter 6 - Concrete Masonry (Nick Lang)
 5. Chapter 7 - Clay brick and tile masonry (Nick Lang will help find someone)
 6. Chapter 8 - Effects of finish materials on fire resistance (Kevin Mueller will help)
 7. Chapter 9 - Performance-based fire design (Kevin LaMalva)
- 11) **Other Fire Related Activities**
 - a. Grenfell Tower Update, Rob Lewis
 - b. Torre dei Moro Milan, Patrick Bamonte
- 12) **Other Business**
 - a. ACI 562, new Chapter on Fire
 - b. Update on SP "The Concrete Industry in the Era of AI"
- 13) **Adjourn – Next Meeting - March 2022 Orlando, FL (hopefully)**
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 | <input type="checkbox"/> Akanshu Sharma |

Associate Members

- | |
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| <input type="checkbox"/> Aya Aboelmagd |
| <input type="checkbox"/> David Bilow |
| <input type="checkbox"/> Louis-Samuel Bolduc |
| <input type="checkbox"/> Thomas Gernay |
| <input type="checkbox"/> James Getaz |
| <input type="checkbox"/> Jason Krohn |
| <input type="checkbox"/> Byoungjun Lee |
| <input type="checkbox"/> Sobhy Masoud |
| <input type="checkbox"/> Umesh Sharma |
| <input type="checkbox"/> Bhupinder Singh |
| <input type="checkbox"/> Martha VanGeem |
| <input type="checkbox"/> Ehab Zalok |
| <input type="checkbox"/> Shamin Rashid-Sumar |
| <input type="checkbox"/> Vitaliy Degtyarev |
| <input type="checkbox"/> Nicolas Pinoteau |

Consulting Members

- | |
|---|
| <input type="checkbox"/> Max Kalafat |
| <input type="checkbox"/> Waseem Khan |
| <input type="checkbox"/> Steven Rowe |
| <input type="checkbox"/> Philip Samblanet |

Visitors

- | | |
|--|--|
| <input type="checkbox"/> Michael Lee | <input type="checkbox"/> Jason Thompson |
| <input type="checkbox"/> Alex Meucci | <input type="checkbox"/> Peter Schillinger |
| <input type="checkbox"/> Wayne Wilson | <input type="checkbox"/> Rajiv Pathak |
| <input type="checkbox"/> Daniel Furr | <input type="checkbox"/> Samhar Hoz |
| <input type="checkbox"/> Jamie Farny | <input type="checkbox"/> Sioban Sawyer |
| <input type="checkbox"/> Martin Cuadra | <input type="checkbox"/> Vinh Dao |
| <input type="checkbox"/> Dennis Wittry | <input type="checkbox"/> Kevin Kavanagh |
| <input type="checkbox"/> Siva Munuswamy | <input type="checkbox"/> Andreia Fanton |
| <input type="checkbox"/> Ray Leonhard | <input type="checkbox"/> Daron Brown |
| <input type="checkbox"/> Anna Birely | <input type="checkbox"/> Ken Harmon |
| <input type="checkbox"/> Peter Schillinger | <input type="checkbox"/> Jacques Bertrand |
| <input type="checkbox"/> Marco Battistessa | <input type="checkbox"/> Jason Wagner |
| <input type="checkbox"/> Fariborz Tehrani | <input type="checkbox"/> Kadir Sener |
| <input type="checkbox"/> Foyisal Ahmed | <input type="checkbox"/> Sean Agresta |
| <input type="checkbox"/> Hitesh Lakhani | <input type="checkbox"/> Matthew Hoehler |
| <input type="checkbox"/> Maria Chiara | <input type="checkbox"/> SH Chu |
| <input type="checkbox"/> Giangregorio | <input type="checkbox"/> Danny Perez |
| <input type="checkbox"/> Rajiv Pathak | <input type="checkbox"/> Richard Allen |
| <input type="checkbox"/> Jennifer Ruiz | <input type="checkbox"/> Yorneli Sic |
| <input type="checkbox"/> Anna Landreville | <input type="checkbox"/> Fray Tejada |
| | <input type="checkbox"/> Fritz Wall |