

**ACI Fall 2020 Convention
Virtual Convention**

ACI Committee 444 - Structural Health Monitoring and Instrumentation

Tuesday, October 27, 2020

11:00 AM - 2:00 PM - EDT

Go-To-Meeting Link: <https://global.gotomeeting.com/join/516511837>

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| 1- Welcome and Introductions (Schumacher - 5 min) | 11:00 am |
| 2- Membership Status and Update (Schumacher - 5 min) | 11:05 am |
| 3- CRC Proposal Presentation and Discussion (Schumacher – 20 min) | 11:10 am |
| 3.1- Sherif Yehia: Conductive Concrete for Self-sensing Applications | |
| 4- Status of Technical Sessions (ElBatanouny - 15 min): | 11:30 am |
| 4.1- Fall 2020 - Virtual, October 25-29, 2020 | |
| • No sessions sponsored by this committee. | |
| 4.2- Spring 2021 - Baltimore, MD, March 28-April 1, 2021 | |
| • Joint session with ACI 342 - Structural Load Testing and Monitoring for Concrete Bridge Evaluation | |
| • Joint session with ACI 216 – The Concrete Industry in the Era of AI | |
| • Discuss hosting a mini-session introducing ACI 444.1 Report | |
| 4.3- Fall 2021 - Atlanta, GA, October 17-21, 2021 | |
| • Discuss hosting a session entitled “Application of Artificial Intelligence (AI) and Machine Learning (ML) to SHM”. | |
| 4.4 - Spring 2022 - Orlando, FL, March 27-31, 2022 | |
| • Solicit ideas from committee members | |
| 5- Committee Document ACI 444.1: “Report on Structural Health Monitoring Technologies for Concrete Structures”: Review ballot with responses to TAC review and resolve negatives (Schumacher - 50 min) | 11:45 am |
| 6- Break (10 min) | 12:35 pm |
| 7- Committee Document ACI 444.2: “Report on Analysis, Interpretation, and Prognosis of Structural Health Monitoring Data for Concrete Structures”: Status update, review of template chapter, and kick-off for development of report (Hedegaard - 60 min) | 12:45 pm |
| 8- New Business and Announcements (Schumacher - 15 min) | 1:45 pm |
| 9- Adjourn | 2:00 pm |