

ACI Spring Convention 2022
Caribe Royale Orlando, Orlando, FL

ACI Committee 444 - Structural Health Monitoring
Tuesday, March 29, 2022
8:00 AM - 11:00 AM - EDT

**Room: C-Boca V (remote access via GoToMeeting; see “Test Hybrid Committees”
section on Convention event platform/app)**

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|---|----------|
| 1- Welcome and Introductions (Schumacher - 10 min) | 8:00 am |
| 2- Membership Status and Update (Schumacher - 5 min) | 8:10 am |
| 3- Committee Web Page Review (Schumacher- 10 min) | 8:15 am |
| 4- Status of Technical Sessions (ElBatanouny - 35 min) | 8:25 am |
| 4.1- Spring 2022 - Orlando, FL, March 27 - 31, 2022 (this convention) | |
| • ACI 123 Forum: NDT and SHM: Are They the Same?
C-Boca I, Monday March 28, 2022, 6:30 - 8:30 pm | |
| • Technical session: Application of Artificial Intelligence (AI) and
Machine Learning (ML) to SHM
C-Boca I, Tuesday March 29, 2022, 4:00 - 6:00 pm | |
| • Technical session: Structural Load Testing and Monitoring for
Concrete Bridge Evaluation
C-Boca IV, Wednesday March 30, 2022, 8:30 - 10:30 am | |
| 4.2- Fall 2022 - Dallas, TX, October 23 - 27, 2022 | |
| • Two technical sessions titled “Emerging Methods for Surface
Damage Monitoring and Imaging”. Co-sponsored by ACI
Committee 228. | |
| 4.3- Spring 2023 - San Francisco, CA, April 2 - 6, 2023 | |
| • Open discussion for ideas. | |
| 4.4- Fall 2023 - Boston, MA, October 29 - November 2, 2023 | |
| • Open discussion for ideas. | |
| 5- Committee Document ACI 444.3 (Hedegaard - 75 min) | 9:00 am |
| Analysis, Interpretation, and Prognosis of Structural Health Monitoring
Data for Concrete Structures”: Status update, review of sample chapter,
presentations from authors of their contributions | |
| 6- New Business and Announcements (Schumacher - 45 min) | 10:15 am |
| 7.1- Technote: What does an owner need to know about SHM? | |
| 7.2- Review paper defining terms like “damage”, “health”, “condition”
and how they can be measured with SHM technology. | |
| 7.3- Upcoming conferences and workshops | |
| 7- Adjourn | 11:00 am |