



American Concrete Institute

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ACI 228 Meeting Agenda

Nondestructive Testing of Concrete

Virtual web meeting (GotoMeeting platform)

10/25/2020 12:30-3:30pm (eastern time); 11:30 AM-2:30 PM (central time)

***Mission:** Develop and report information on methods to estimate in-place strength and nondestructive techniques for evaluation of concrete materials and structures.*

COMMITTEE BUSINESS:

1. Administrative

1.1. Welcome, introductions, and apologies for absence

1.2. Approval of agenda

1.3. Report on committee membership

31 voting members, 51 associate members, 3 consulting members.

Chair Popovics contacted all inactive consulting members and asked if they were willing and able to continue contributing to the committee. Those who did not respond or responded in the negative were removed from membership.

1.4. Review of proposed new standing committee goals: 1) Revise ACI 228.2R; "Nondestructive Test Methods for Evaluation of Concrete in Structures;" 2) Create ACI 228.3R; "Guide for Conducting a Visual Inspection of Concrete in Service;" 3) Assist in development of certification program for NDT Technicians (ACI 601-F); 4) Administer ACI James Instruments Award

1.5. Approval of previous meeting's minutes

The previous meeting's minutes were approved by web ballot. Corrected, final minutes from the virtual Spring 2020 meeting are posted on the committee website.

2. Old Business

2.1. Update on session planned for this convention: "Recent Advances in Understanding Mechanisms of Mass Transport in Concrete" (Chris Ferraro)

2.2. Update on NDT Technician certification task group efforts (Malcolm Lim and Michael Morrison)

2.3. Update on visual inspection task group efforts. (Julie Hartell)

Always advancing

- 2.4. Review of document 228.3R ballots**
- 2.5. Update on James-NDT award** (Dirk Heidbrink)
- 2.6. Update on development of Committee “Tech Notes”**

One complete draft document is finished and ready for committee ballot approval: “What should an owner/client know about nondestructive testing (NDT)?” Two documents are still under development: “Issues associated with GPR (defects and damage)” and “Calibration, Verification, and Validation in NDE Practice.”

3. New Business

- 3.1. Discussion of revision of 228.2R document**
- 3.2. Discussion of future technical session topics**
The topic of data fusion in NDE was suggested (Larry Olson reporting).
- 3.3. 2019 ACI-James Award presentation:** “Enhanced Imaging of Structural Concrete with a Medical Image Fusion Perspective,” Sina Mehdinia, Portland State University
- 3.4. Consideration of CRC proposal endorsements**

ACI has instituted a new policy in that CRC proposal submitters must seek formal support (through ballot) of their work from a committee. The following proposers have requested we evaluate their proposal to determine support. Each proposer will give an 8-minute presentation, after which the committee will consider support and rank those that merit support.

“Diagnostic Imaging of Structural Concrete,” Thomas Schumacher, Portland State University

“Corrosion assess: utilization of intelligent systems to monitor the corrosion mechanism within in-place RC structures” Mezgeen Rasol, Universitat Polytechnica de Catalunya

4. Adjournment

The next meeting will be held at the ACI Spring Convention in Baltimore, MD