



American Concrete Institute

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## ACI 228 Meeting Agenda

### Nondestructive Testing of Concrete

#### Virtual web meeting (GotoMeeting platform)

**10/17/2021 11:30-2:30pm (eastern time); 10:30 AM-1:30 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**

32 voting members, 54 associate members, 3 consulting members.

The meeting quorum is 13 and web/letter ballot quorum is 16.

###### **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 Visual Condition Survey of Concrete in Service;" 3) Assist in development of certification program for NDT Technicians; 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 2021 meeting are posted on the committee website.

##### **2. Old Business**

###### **2.1. Update on development of Committee "Tech Notes"**

Our Committee's first Tech Note, *What should an owner know about nondestructive testing?*, was submitted to ACI for final TAC approval and distribution. Get status updates on two Tech Note documents still under development: "Issues associated with GPR (defects and damage)" and "Calibration, Verification, and Validation in NDE Practice."

###### **2.2. Update on NDT Technician certification task group efforts (Malcolm Lim)**

*Always advancing*

- 2.3. Update on visual condition survey task group efforts. (Heather Todak)**
- 2.4. Update on James-NDT award (Dirk Heidbrink)**
- 2.5. Review of document 228.3R Ch. 5 ballot**

### **3. New Business**

#### **3.1. Discussion of revision of 228.2R-13 document**

Continuation of discussion of what content should be added, deleted , or modified (both content within individual sections and overall structure) from the current document.

#### **3.2. Discussion of future technical session topics**

#### **3.3. 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.*

*“A Data-Driven Solution for Non-Contact Evaluation and Early Diagnosis of Concrete Bridge Deck,” Sattar Dorafshan, *University of North Dakota**

*“Identification of Distributed Damage to Reinforced Concrete due to Steel Corrosion based on Natural Frequency and Attenuation of Stress Waves” James Lynch, *University of Detroit Mercy**

### **4. Adjournment**

The next meeting will be held at the ACI Spring Convention in Orlando.