



American Concrete Institute

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ACI 228 Meeting Agenda

Nondestructive Testing of Concrete

C-200A, Québec City, QC

3/24/2019 9:30 AM-12:30 PM

***Mission:** Develop and report information on nondestructive techniques for the evaluation of concrete.*

MINI SESSION: 9:30-10:30am

Nondestructive Testing and Characterization of AAR

- 1) Nonlinear Acoustic Time Shift for Detection of ASR in Concrete Structures, Patrice Rivard;
- 2) Thermal Modulation of Nonlinear Acoustic Wave for Evaluation of ASR Damage in Concrete, Jinying Zhu;
- 3) Visualization and Characterization of ASR Damage in Concrete Using Contactless Ultrasonic Scanning, John Popovics

COMMITTEE BUSINESS: 10:30am-12:30pm

1. Administrative

1.1. Welcome, introductions, and apologies for absence

1.2. Approval of agenda

1.3. Report on committee membership

30 voting members, 66 associate members, 12 consulting members. Two new voting members have been named, replacing three former voting members who have been moved to associate 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 201.3R; "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

Always advancing

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

2. Old Business

- 2.1. Update on status of 228.1R document publication**
- 2.2. Update on session planned for this convention: "Overview of Visual Condition Survey of Concrete and Case Studies" (Liyang Jiang)**
- 2.3. Update on session planned for Fall 2019 Cincinnati convention: "Overview of revised 228.1R report" (Malcolm Lim)**
- 2.4. Update on NDT Technician certification task group efforts (Malcolm Lim)**
- 2.5. Update on visual inspection subcommittee efforts (Liyang Jiang)**
- 2.6. Update on James-NDT award (Dirk Heidbrink)**
- 2.7. Update on development of Committee "Tech Notes" (Keith Kesner, Malcolm Lim)**

3. New Business

- 3.1. Discussion of future technical session topics**
- 3.2. Discussion of possible education efforts such as committee webinars and participation in "ACI University"**
- 3.3. Other items**
- 3.4. Short technical presentation: "Reliability of Stress-wave methods for strength estimation of concrete using probabilistic methods," Sikandar Sajid**

4. Adjournment

The next meeting will be held at the ACI Fall Convention in Cincinnati.