

PLEASE NOTE: Paper copies of the agenda and the previous meeting minutes will no longer be distributed at the ACI 228 committee meeting.

AGENDA

ACI Committee 228: Nondestructive Testing of Concrete

Sunday, March 25, 2018

9:30 am – 12:30 pm

Room: GA - Imperial Ballroom A

Salt Lake City, UT, USA

1. **Call to Order**
2. **Self-Introduction of Participants**
3. **Apologies for Absence**
4. **Approval of Agenda**
5. **Review & Approval of Previous Meeting Minutes** (Oct 15, 2017 – Anaheim, CA)
6. **Membership Report**
7. **Current ACI 228 Goals:**
 - A. Revise ACI 228.1R; "In-Place Methods to Estimate Concrete Strength"
 - B. Revise ACI 201.2R; "Guide for Conducting a Visual Inspection of Concrete in Service" as ACI 228.3R
 - C. Establish certification program for NDT Technicians (ACI 601-F)
 - D. Administer ACI James Instruments Award
8. **Subcommittee & Task Group Meetings**

		Chair	Time	Location
228-B	Visual Inspection	Julie Ann Hartell	Sunday, Oct 15 th 1:00 pm - 3:00 pm	GA Embassy
601-F	NDT Technician Certification	Malcolm Lim	Monday, Oct 16 th 1:00 pm - 3:00 pm	GA Venice

9. Reports:

- A. Status of 228.1R document revision (John Popovics)
- B. Status of 228.3R document (Julie Ann Hartell)
- C. ACI 601-F: Certification program for NDT Technicians (Malcolm Lim)
- D. James Instruments Award (Dirk Heidbrink)

10. Liaison Reports:

ACI 201	Durability of Concrete	Andrew Boyd
ACI 207	Mass Concrete	Chris Ferraro
ACI 214	Evaluation of Results of Tests to Determine the Strength of Conc	Allyn Luke
ACI 222	Corrosion of Metals in Concrete	Pouria Ghods
ACI 224	Cracking	Jacob Bice
ACI 231	Properties of Concrete at Early Ages	Nick Carino
ACI 236	Material Science of Concrete	Muhammed Basheer
ACI 301	Specifications for Concrete	Nick Carino
ACI 311	Inspection of Concrete	Robert Jenkins
ACI 336	Footings, Mats and Drilled Piers	Bernie Hertlein
ACI 342	Evaluation of Concrete Bridges and Bridge Elements	Jacob Bice
ACI 362	Parking Structures	Boris Dragunsky
ACI 364	Rehabilitation	Keith Kesner
ACI 365	Service Life Prediction	Muhammed Basheer
ACI 437	Strength Evaluation of Existing Concrete Structures	Keith Kesner
ACI 440	Fiber-Reinforced Polymer Reinforcement	Michael Brown
ACI 444	Structural Health Monitoring and Instrumentation	John Popovics
ACI 546	Repair of Concrete	Ken Lozen
ACI 562	Evaluation, Repair, and Rehabilitation of Concrete Buildings	Keith Kesner
ACI E706	Concrete Repair Education	Ken Lozen
ICRI 210	Evaluation	Ken Lozen
TRB AFF40(1)	Nondestructive Evaluation of Structures	Larry Olson
RILEM ISC	Nondestructive In Situ Strength Assessment of Concrete	Thomas Schumacher
RILEM OSM	On-Site Measurement of Conc and Masonry by Visualized NDT	John Popovics
ASCE	Document on structural assessment?	Malcolm Lim

11. ACI Sessions:

- A. Proposals for New Sessions:
- B. Spring 2019 Quebec City – Visual condition survey and interesting case studies where NDT was used for assessment (Julie Ann Hartell)
- C. Spring 2019 Quebec City – NIST ASR samples (J. Popovics and Patrice Rivard)
- D. Fall 2019 Cincinnati, OH – Revised 228.1R (E. Giannini.)

(Fall 2018 Las Vegas, Spring 2019 Quebec City, Fall 2019 Cincinnati, Spring 2020 Rosemont)

12. Recent & Upcoming Meetings/Conferences:

- A. ASNT Research Symposium, Orlando, FL, Mar 26-29, 2018
- B. ICRI Spring Convention, San Francisco, CA, Apr 11-13, 2018
- C. 3rd Int Conference on Civil Engineering and Materials Science (ICCEMS 2018), Apr 13-15, 2018, Chengdu, China
- D. Structural Faults + Repair – 2018, Edinburgh, UK, May 15-17, 2018
- E. 6th Int Conference on Durability of Concrete Structures (ICDCS 2018), Jul 18-20, 2018, Leeds, UK
- F. ASNT SMT and NDT-CE, New Brunswick, NJ, Aug 27-29

13. New Business

14. Presentations

2016 ACI-James Instruments Award winner

Thermal Detection of Subsurface Delaminations in Reinforced Concrete Bridge Decks Using Unmanned Aerial Vehicle – Tarek Omar, University of Western Ontario, London, ON, Canada

15. Next Meeting – Sunday, Oct 14, 2018 (Las Vegas, NV)

16. Adjournment