

AGENDA

ACI Committee 228: Nondestructive Testing of Concrete

Sunday, March 23, 2014, 9:30 am - 12.30 pm
Grand Sierra Resort, Room C-211 B
Reno, NV, 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** (October 20th, 2013 – Phoenix, AZ)
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	Eric Giannini	Sun 1:00 pm - 3:00 pm	C-104 A
601-F	NDT Technician Certification	Malcolm Lim	Mon 1:00 pm - 3:00 pm	H-CURTIS B

9. **Reports:**
 - A. Status of 228.1R document revision (Keith Kesner)
 - B. Status of 228.3R document (Eric Giannini)
 - C. ACI 228-A: 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	OPEN
ACI 224	Cracking	Jacob Bice
ACI 231	Properties of Concrete at Early Ages	Thomas Voigt
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	Experimental Analysis for Concrete Structures	John Popovics
ACI 543	Concrete Piles	William Ciggelakis
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 150	ICRI Notes on ACI 562 Code Requirements	Liyang Jiang
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

11. ACI Sessions:

- A. "Electrical Methods to Characterize and Monitor Concrete" /w 222, 444 – Fall 2013, Phoenix, AZ (John Popovics)
- B. "Non-Destructive Testing of Concrete: Capabilities and Limitations" Forum Sponsored by Committee 123: Research and Current Developments – Spring 2014, Reno, NV (Malcolm Lim)
Monday, March 24, 6:30 pm - 8:30 pm, Room Carson 1
- C. "Advances in Condition Assessment of Concrete Bridges" /w 342 – Fall 2014, Washington, DC (Larry Olson)
- D. "In Situ Transport Measurements" /w 236 – Spring 2014, Fall 2014, Washington, DC (Andrew Boyd)
- E. Proposals for New Sessions (Fall 2015 Denver; Spring 2016 Milwaukee, Fall 2016 Philadelphia)
 - i. Session on "Data Fusion & Combined Methods"
 - ii. Session on "Visual Assessment" (Shelved until 228.3R is issued)

12. Recent & Upcoming Meetings/Conferences:

- A. TRB 94th Annual Meeting, Washington, DC, January 13-17, 2014.
- B. ASTM Committee Week, Toronto, ON, June 22-25, 2014.
- C. Structural Faults & Repair, London, UK, July 8-10, 2014.
- D. 10th *fib* International PhD Symposium in Civil Engineering, Québec City, Canada, July 21-23, 2014.
- E. 11th ECNDT European Conference on NDT, Prague, Czech Republic, October 6-10, 2014.
- F. International Symposium on Non-Destructive Testing in Civil Engineering (NDT-CE), Berlin, Germany, September 15-17, 2015.

13. New Business

14. Presentations

James Instruments Award Winner – Jordan D. Nelson, University of Florida, Dept. of Civil & Coastal Engineering. “Full-Field Visualization Techniques for High Density Ultrasound Measurements”

15. Next Meeting - Sunday, October 26, 2014 (Washington, DC)

16. Adjournment