

Agenda of ACI 363 – High-Strength Concrete

Sunday, March 26, 2017

Room: H – Nicolet B

2:30 PM to 5:00 PM

ACI 2017 Spring Convention – Detroit, MI

Presiding: Micah Hale

1.0 Welcome and Introductions

2.0 Review and approval of the minutes from Philadelphia, PA

3.0 Review and approval of agenda

4.0 Committee membership

4.1 27 Voting members, 4 consulting members, and 25 associate members

4.2 Introductions of new member

4.2.1 Venkatesh Kaka

5.0 Chair TAC Report

5.1 Michael Brown

6.0 ACI 363 Report on Lightweight HSC Document Status - Subcommittee Chair Mauricio Lopez

6.1 Balloted Chapters 2, 3, 5, and 6

6.1.1 Chapter 2, Selection of Materials – F. Lopez-Flores (1 Negative)

6.1.2 Chapter 3, Mixture Proportions (6 Affirmative with comments) – R. Floyd

6.1.3 Chapter 5, Properties of High Strength, Lightweight Concrete (2
Negatives)

6.1.4 Chapter 6, Structural Design Considerations – H. Russell (1 Negative)

6.2 Current Chapters

6.2.1 Chapter 4, Batching and Mixing of High Strength Lightweight Concrete

6.2.2 Chapter 7, Applications – J. Ries and H. Russell

7.0 ACI 211.4R-08: *Guide for Selecting Proportions for High-Strength Concrete Using Portland Cement and Other Cementitious Materials*

7.1 Recommended the existing document to be kept for 2 more years

7.2 Committee revisions needed by 2018

7.3 Volunteers to review chapters

8.0 Open Committee Presentations

8.1 Walt Flood IV, *HSC Projects in Chicago*

8.2 Matthew Huizinga, *Update on the Jeddah Tower*

9.0 Technical Sessions

9.1 *HSC, It is not just for Tall Buildings*, Fall 2016, Philadelphia, PA, Revolutionary Concrete. Monday, October 24, Grand Ballroom Salon D. Speakers and presentation titles are below.

1:30 *Use and Benefits of HSC in the Design of Hexcrete Wind Turbine Towers*, Sri Sritharan, Iowa State University

2:00 *Use of HSC in Low Rise RC Shear Walls*, Robert Devine, Ashley Thrall, Yahya Kurama, and Steven Barbachyn, University of Notre Dame

2:30 *Ultra-High Performance Fiber Reinforced Concrete: From Lab to Living Room*, Geert De Schutter, Ghent University

3:00 *High Strength Lightweight Concrete Bridges*, Brett Holland and Matthew Sherman, Simpson Gumpertz & Heger, Inc,

10.0 Future Sessions

10.1 Ensuring a Successful High Strength Concrete Project

10.2 2, 2 hour sessions, 8 speakers

10.3 Preliminary request submitted for Spring 2018, Salt Lake City

11.0 Other Business

11.1 Conferences and Symposiums

11.2 HSC projects

12.0 New Business

13.0 Next Meeting – Sunday, October 15, 2017 at 2:30 (Anaheim)

14.0 Adjournment