

American Concrete Institute
Wisconsin Chapter



**A Practical Approach to Designing,
Placing, and Protecting Mass Concrete.**

**Delafield Brewhaus
Delafield, WI**

Thursday

October 12th, 2017

Cocktails: 5:30pm

Dinner: 6:00pm

Program: 7:00pm

ACI-WI member \$25

Non-members \$30

Students \$15

Cash and Checks
payable to ACI-WI

Credit Cards Accepted
Online and at the
door.

Register Today!

Please send reservations to:

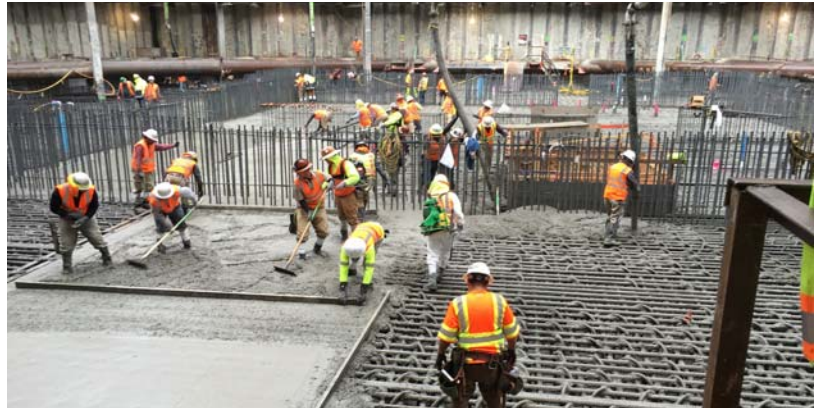
Adam Heinlein

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608.575.9155

Registration Deadline:

10/9/17 @ Noon



When most people think of Mass Concrete, the first thing that comes to mind are large dam projects such as the Hoover Dam that borders both Arizona and Nevada, and other Corps of Engineer dam projects built in the 1930's thru 1960's. In fact, most of the information contained in ACI 207 'Mass Concrete' was derived for, and from those types of projects.

Learning Objectives: 1) Explain 'Massive Structural Concrete "Can't keep it Cool? Keep it Warm"', an alternative approach to designing, placing, and protecting mass concrete structures. 2) How to insure that the internal maximum temperature is no more than 35°F greater than the external temperature. 3) Describe how to place a hard trowel finish on the surface of a low heat, slow setting mass concrete mix, in a cold environment. 4) Discuss how long it takes for heat to dissipate from a mass structure.

Warren McPherson, has been involved in the design, manufacture, and finishing of concrete for over 40 years. Warren is a Fellow of ACI. Past President of the Greater MI Chapter of ACI, he was the Publicity Chairman when the ACI Convention was hosted in Detroit. Warren is a voting member of ACI 302, 211, 332, and C640, and an associate member of 237. He received a BS in Mathematics with a minor in Chemistry, from Southeast MO State University. Warren was instrumental in forming the Arkansas Chapter of ACI in 1985, and has been an instructor/examiner for ACI's Flatwork Certification Program since 1990. He was the recipient of the Arthur A. Moy Award, in 2001, 'for outstanding service in the field of concrete technology'. Warren is published in both Concrete Construction Magazine and Concrete International.