



CHAPTER TALKS

Need a speaker for your Chapter Meeting?

ACI Chapter Talks Program offers 1-hour sessions on technical and practical topics that support your Chapter's educational needs. Sessions are presented by engineering, certification, and executive professionals from ACI, the American Coal Ash Association, the American Shotcrete Association, and the Slag Cement Association.

Scheduling a speaker is as easy as 1, 2, 3!

STEP 1 – SELECT TOPIC

STEP 2 – CONTACT ACI

STEP 3 – RECEIVE CONFIRMATION



American Concrete Institute
Always advancing

1 SELECT TOPIC

ACI SESSIONS

ACI Certification, Now and the Future*

This presentation will explain the rugged process ACI follows in creating these industry-relevant programs and include a brief outline of:

- o Adhesive Anchor Installer (AAI);
- o Concrete Quality Technical Manager (CQTM);
- o Masonry Field Testing Technician; and
- o Masonry Laboratory Testing Technician.

ACI Reference Specifications: Unraveling Concrete Specs*

Topics covered in this presentation include:

- o What are ACI specifications;
- o Common features of ACI specifications, using ACI 301;
- o Summary of the ACI 301 checklists; and
- o Important upgrades in ACI 301-16.

ACI Repair Code 562-16*

Topics covered in this presentation will include:

- o Why a repair code is needed;
- o The philosophy behind ACI 562;
- o How the code promotes consistency in repair design;
- o Recognizing repair construction challenges;
- o Significance of a quality assurance program for successful repairs; and
- o How the code can save the owner money.

Adhesive Anchor Installer and Inspector Certifications*

Topics covered in this presentation will include:

- o Need for the AAI certification program;
- o How the programs were developed;
- o Understand the requirements to obtain these certifications;
- o Understand the process and availability of these programs in your area; and
- o Understand criteria associated with new AAI Inspector program.\

Concrete Cracking*

Topics covered in this presentation will include:

- o Causes and control of cracking;
- o Evaluation methods;
- o Mitigation; and
- o Crack repair.

Mass Concrete: How Big is Big?*

This presentation will discuss how to identify mass concrete, ACI 301 requirements pertaining to it, and good construction practices and covers the following topics:

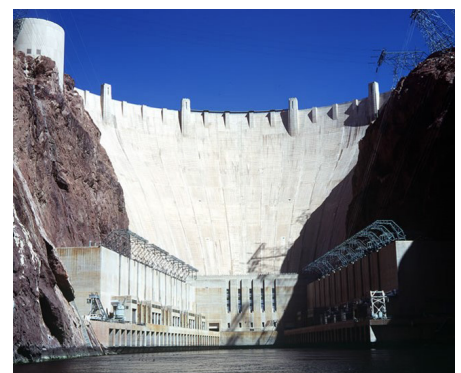
- o Examples of mass concrete structures;
- o Identifying mass concrete in the field;
- o Specification requirements;
- o Factors influencing mass concrete; and
- o Mitigation or design.

**All ACI sessions have been approved for 0.1 Continuing Education Units (CEU) (1 Professional Development Hour).*

AMERICAN COAL ASH ASSOCIATION SESSION

What does coal have to do with concrete?

The cement and concrete industries consume almost 20 million tons of fly ash, bottom ash, and synthetic gypsum annually. These materials are recovered following the combustion of coal in power plants generating electricity. This presentation by the American Coal Ash Association will provide an overview of the utility industry and a look at the future supply of these materials.



AMERICAN SHOTCRETE ASSOCIATION SESSIONS

Introduction to Shotcrete*

- o Advantages and benefits using the shotcrete process in a wide variety of applications;
- o Dry- and wet-mix processes;
- o Specifications, material considerations, placement techniques, and performance guidelines;
- o Structural considerations for shotcrete placement; and
- o Preconstruction, jobsite conditions, and curing methods.

Shotcrete for Underground Applications*

- o Follows ACI 506.5R, "Guide for Specifying Underground Shotcrete";
- o Highlights typical underground applications;
- o Covers materials, anchorage, reinforcement, and performance requirements;
- o Addresses batching/mixing, transport, placing equipment, preparation, curing, and protection;
- o Discusses QA/QC, submittals, preconstruction tests, and construction acceptance; and
- o Includes repair and rehabilitation, safety, measurement, and payment.

**ASA is an approved AIA/CEU provider, offering 0.1 Continuing Education Units (CEU)/(1 Professional Development Hour/ 1 AIA/LU Hour) for each presentation.*

SLAG CEMENT ASSOCIATION SESSIONS



Slag Cement in Concrete

This session covers the basics of slag cement use in concrete mix design as well as how slag cement enhances the strength, durability, and overall performance of concrete. Learn how to incorporate slag cement in combination with portland cement and/or other supplementary cementitious materials to reach your project's desired outcomes, creating a less permeable and more sustainable concrete. Presenters will also review the various specifications and standards regarding slag cement use. The session will wrap up with case study examples of projects that used slag cement successfully in a variety of applications.

Slag Cement for Sustainable Concrete Construction

This session focuses on the sustainable benefits of slag cement use. The presentation will cover how the use of slag cement can reduce the environmental footprint of a structure, help projects qualify for LEED accreditation, and contribute to enhanced concrete performance. Case studies will illustrate how different mix designs using slag cement can reduce carbon emissions while increasing the strength and durability of concrete. Attendees will also get a tutorial of the Slag Cement EPD and Life Cycle Assessment Calculator tool available to download on the SCA website.

In most cases, ACI will cover the speaker's travel expenses. For requests outside of North America, ACI will consider providing a single-use license to the Chapter to translate and conduct the presentation.

2 CONTACT ACI

Once you have determined your topic and tentative date for your Chapter Meeting, contact the **ACI Chapter Activities department** at:

Phone: +1.248.848.3162

E-mail: chapters@concrete.org

Website: www.concrete.org

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3 RECEIVE CONFIRMATION

Once your speaker has been assigned, you will receive:

- o A confirmation flyer which will include the title and description of the topic;
- o Picture and bio of the presenter; and
- o Logistics of the meeting including date, time, and location.



CHAPTER TALKS

Meet the Presenters

Thomas Adams



Executive Director
American Coal
Ash Association

Katie Amelio



Engineer
American
Concrete Institute

**Charles S.
Hanskat**



Executive Director
American
Shotcrete
Association

Robert Howell



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Gregory Zeisler



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**Schedule
your
Chapter Talks
Presenter
today!**



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