



STUDENT CHAPTER TALKS

Need a speaker for your Chapter Meeting?

ACI offers three 1-hour virtual webinar presentations to help support the educational needs of your student chapter. Sessions are presented by Luke Snell, a Concrete Consultant and Professor Emeritus at Southern University of Illinois Edwardsville.

Scheduling is as easy as 1, 2, 3!

STEP 1 – SELECT TOPIC

STEP 2 – CONTACT ACI

STEP 3 – RECEIVE CONFIRMATION



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1 SELECT TOPIC

Evaluation of Concrete Cores Test Results According to ACI 318-19*† (Virtual Presentation Only)

- Topics covered in this presentation will include:
- o Identifying the compressive strength acceptance criteria in ACI 318-19;
 - o Explaining when coring is needed and who selects the core locations;
 - o Identifying the number and size of concrete cores when evaluating strength in accordance with ACI 318-19; and
 - o Describing actions taken when one or more cores are below the acceptance criteria.

History of Concrete – How It Started*† (Virtual Presentation Only)

- Topics covered in this presentation include:
- o Explaining the definitions of cement and concrete;
 - o Showing how early humans may have accidentally discovered our first cement;
 - o Identifying how mud bricks, fired bricks, and pottery led to the discovery of our first concrete;
 - o Describing the first kilns that were developed to make cement; and
 - o Showing the evolutionary steps from making lime to our modern portland cement concrete.

Using Infrared Thermometers in Concrete Construction*† (Virtual Presentation Only)

There are many instances where temperature measurements are required on a concrete construction jobsite. In most cases, the infrared (IR) thermometer allows the user to quickly measure the temperature and determine if the concrete is within specifications. Luke Snell, Honorary Member of ACI, will lead you through the process of selecting and using the IR thermometer.

- This presentation will:
- o Discuss how to select an appropriate IR thermometer for use in concrete construction;
 - o Recognize what specifications and good practices require the measurements of concrete temperatures;
 - o Explain when it is appropriate to use the IR thermometer and when it cannot be used; and
 - o Demonstrate how to determine if your IR thermometer is accurate.



2 CONTACT ACI


Once you have determined your topic and date for your Chapter Meeting, contact the ACI Chapter Activities department:
Phone: +1.248.848.3830; E-mail: denesha.price@concrete.org
Website: www.concrete.org/chapters.aspx

3 RECEIVE CONFIRMATION

Once your speaker has been assigned, you will receive:

- o Confirmation which will include title and description of topic;
- o Picture and bio of presenter; and
- o Meeting logistics including date and time.

PRESENTER



Luke Snell
Concrete Consultant

*ICC credited.

†Approved by ICC for 0.10 CEU (1 PDH). Approved by AIA for 1 LU hour.



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