

# ACBM/PCA UFE Workshop- Agenda

## **Tuesday Lab Demonstrations**

Attendees will participate in concrete laboratory demonstrations designed for use in any lab or classroom. In addition, handout materials will be distributed with detailed instruction on how to recreate the lab.

## **Tuesday Dinner**

Tuesday evening attendees will relax and network over Italian food at Maggiano's Little Italy in Skokie. Dinner will be served family style.

## **CTLGroup Tour**

Wednesday morning attendees will tour the CTLGroup Laboratories.

CTLGroup began as the R&D laboratories of the Portland Cement Association. In 1987 Construction Technology Laboratories, now the CTLGroup, incorporated as an independent subsidiary of PCA. As a result of its heritage, the firm is best known for its expertise in concrete and cement-based materials and structures, and maintains a strong practice in this area.

CTLGroup has become a consulting firm that provides structural and architectural engineering, testing, and materials technology services throughout the U.S. and internationally.

## **Monday, July 14- PCA Classrooms**

8:00 am **Welcome & Workshop Overview**

9:00 am **Fundamentals of Concrete**

10:00 am **Coffee Break**

10:30 am **Cement and Hydration**

11:30 pm **Available Industry Resources**

12:00 pm **Lunch Provided at PCA**

1:00 pm **Supplementary Cementing Materials**

2:00 pm **Teaching Methodologies**

2:30 pm **Coffee Break**

3:00 pm **Breakout Session**

4:30 pm **Evaluation & Adjourn**

6:00pm **Reception at Hampton Inn  
(Dinner on your own)**

## **Tuesday, July 15**

8:00 am **Chemical Admixtures**

9:00 am **Fresh Concrete Properties**

10:00 am **Coffee Break**

10:30 am **Concrete Mix Design**

12:00 pm **Lunch Provided at PCA**

1:00 pm **Laboratory Demonstrations**

3:00 pm **Coffee Break**

3:30 pm **Student Competitions**

4:30 pm **Evaluation & Adjourn**

7:00 pm **Dinner at Maggiano's Little Italy, Skokie, IL.  
(Shuttles depart from Hampton at 6:30 pm)**

## **Wednesday, July 16**

8:00 am **Hardened Properties of Concrete**

9:00 am **Durability**

10:00 am **Coffee Break**

10:30 am **Tour: CTL Group Laboratories**

12:00 pm **Course Wrap-Up**