

ACBM/PCA UFE Workshop- Agenda

Monday Dinner

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

CTLGroup Tour

Monday Afternoon 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.

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.

Monday, July 13- PCA Classrooms

- 8:00 am **Welcome & Workshop Overview**
- 8:50 am **Fundamentals of Concrete**
- 9:30 am **Coffee Break**
- 9:50 am **Cement and Hydration**
- 10:40 am **Supplementary Cementing Materials**
- 11:30 pm **Industry Resources**

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

- 1:00 pm **CTLGroup Tour**
- 2:10 pm **Chemical Admixtures**
- 3:00 pm **Coffee Break**
- 3:20 pm **Breakout Session- Teaching Methodologies**
- 4:30 pm **Evaluation & Adjourn**

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

Tuesday, July 14

- 8:00 am **Fresh Concrete Properties**
- 8:50 am **Hardened Properties of Concrete**
- 9:30 am **Coffee Break**
- 9:50 am **Concrete Mix Design**
- 10:40 am **Durability**
- 11:30 pm **Student Competitions**

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

- 1:00 pm **Laboratory Demonstrations**
- 3:00 pm **Coffee Break**
- 3:20 pm **Sustainability**
- 4:10 pm **Course Wrap-Up**
- 4:30 pm **Evaluation & Adjourn**