

# ACPA

## Professors' Seminar



2010

Program and Course Guide

June 21-25, 2010 | Chicago (Skokie), Illinois





**T**he American Concrete Pavement Association (ACPA) Professors' Seminar is one of the most highly regarded sources of up-to-date information on concrete paving technology for professors and other faculty in civil engineering, construction management, engineering technology, and related disciplines.

In response to strong demand, the ACPA Professors' Seminar returns in June 2010, but is available to a limited audience on a first-come/first-served basis. This comprehensive, five-day program allows time for presentations and in-depth discussions about current technological advances in highway, airfield, roadway, and industrial/commercial pavements.

The program will include a wide array of information, covering design, construction, and rehabilitation. The course also will include group exercises and two planned field trips to a highway construction site and a concrete batching facility.

#### SEMINAR OBJECTIVES

The objectives of this seminar are to highlight current concrete pavement design, construction, and rehabilitation procedures, as well as to update attendees on the performance, economic benefits, and environmental features of concrete pavements.

ACPA provides participants with a full range of instructional aids including: lesson outlines, detailed presentations, background literature, computer software and more. This material is extremely useful in developing or expanding undergraduate and graduate courses for civil engineering and technology students.

#### WHO SHOULD ATTEND AND WHY?

The intended audience for the seminar includes college professors and faculty teaching at the undergraduate and graduate level. Formal course materials include PowerPoint presentations, design software, and several reference CD's covering relevant topics. In-class exercises will familiarize participants with the "inner workings" of the software programs.

#### DATE

The 2010 ACPA Professors' Seminar will be held from June 21 through 25 (Monday through Friday).

#### LOCATION

The 2009 ACPA Professors' Seminar will be held at the Hampton Inn & Suites Chicago-North Shore/Skokie, located at 5201 Old Orchard Road, Skokie, Illinois. (The hotel is located near the ACPA headquarters office.) A block of rooms has been reserved for the seminar at the rate of \$109 per night



(plus taxes). Please be sure to mention the ACPA room block to obtain this rate. To register online click [here](http://hamptoninn.hilton.com/en/hp/groups/personalized/CHISKHX-PFS-20100620/index.jhtml?WT.mc_id=POG) or follow this link: [http://hamptoninn.hilton.com/en/hp/groups/personalized/CHISKHX-PFS-20100620/index.jhtml?WT.mc\\_id=POG](http://hamptoninn.hilton.com/en/hp/groups/personalized/CHISKHX-PFS-20100620/index.jhtml?WT.mc_id=POG).

The seminar begins on Monday at 8 a.m. and will conclude at 3 p.m. on Friday. The nearest airport is O'Hare International and is located approximately 45 minutes from the hotel (depending on traffic).

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### WHAT TOPICS WILL BE COVERED?

Topics for the 2010 program include the following:

- < Application of the Mechanistic-Empirical Pavement Design Guide (M-E PDG), including both theory and software use.
- < Municipal pavement design, featuring the mechanistically-based StreetPave software.
- < Airfield pavement design.
- < Concrete materials characterization and fundamentals of mix design, proportioning, and analysis.
- < Quality assurance/quality control processes.
- < Conventional and “fast track” construction techniques.
- < Pavement evaluation, restoration strategies, methods, and performance.
- < Concrete overlays.
- < Sustainable development and environmental considerations.
- < The Long-Term Pavement Performance (LTPP) program.
- < The Concrete Pavement Roadmap (CP Roadmap) of proposed and ongoing research for concrete pavements.

A detailed agenda will be provided as speakers and topics are confirmed.

### SEMINAR FEE

The American Concrete Pavement Association and additional sponsors offset the majority of the costs for the Professors' Seminar. Participants pay only a course fee of \$195 (USD), which offsets a portion of the direct costs associated with guest speakers and handout materials.

### APPLICATION

Please scan and e-mail the completed application to Dr. Michael Ayers at [mayers@acpa.org](mailto:mayers@acpa.org). Applicants will be considered on a first-come/first-served basis for this unique opportunity to develop a comprehensive instructional program for both undergraduate and graduate students or to simply increase your knowledge of concrete pavement technology from highly respected speakers.

### SPONSORSHIP

Although not guaranteed, sponsorship is generally provided through the generous donations of our ACPA Chapter/State network, regional cement promotion groups, and other sponsoring organizations in the cement and concrete industries.



### APPLICATION & REGISTRATION

**Registration for this course requires a short application and acceptance. To get started, visit [www.acpa.org](http://www.acpa.org). Follow the link to “education & training,” and then complete the short registration form, including the section marked “Please provide the following additional information.” For additional information or assistance, contact ACPA at 847.966.2272 or [acpa@acpa.org](mailto:acpa@acpa.org).**