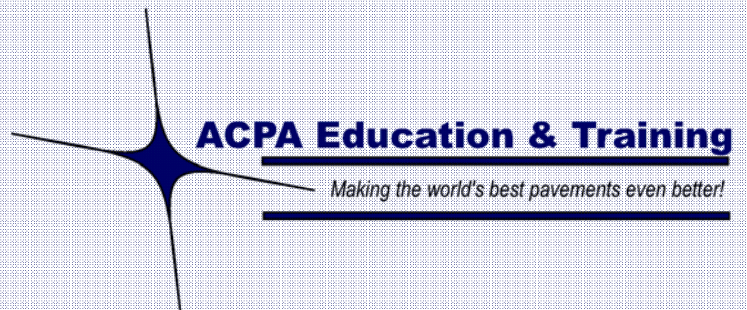


2008 Professor's Seminar

Design, Construction, and
Rehabilitation of Concrete Pavements



Presented by the
American Concrete Pavement Association
June 16-19, 2008 • Chicago, Illinois



2008 Professor's Seminar **Design, Construction, and Rehabilitation of Concrete Pavements**

The American Concrete Pavement Association (ACPA) Professor's Seminar is one of the most highly regarded sources of up-to-date information on concrete paving technology for Instructors in civil engineering, construction management, engineering technology, and related disciplines.

The seminar has undergone major revisions for 2008 and is now four days in length to allow more time for in-depth discussion of current technological advances in highway, airfield and municipal road design and construction, group exercises and a field trip. The instructors for the 2008 program include ACPA staff and representatives from the Federal Highway Administration, prominent researchers, and academicians.

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 related to concrete pavements.

Concrete is often not considered for highway, municipal and airfield paving applications, because engineers are unfamiliar with basic design and construction procedures. But this program provides a wealth of information to help enhance professors' understanding, as well as to provide turn-key information that may be used in teaching. Professors are provided with a teaching materials, lesson outlines, presentations, literature, and computer programs, and more. This material is invaluable 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 instructors 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.

WHAT TOPICS WILL BE COVERED?

Topics for the 2008 program include the following:

- Application of the Mechanistic-Empirical Pavement Design Guide (M-E PDG), including both basic 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.

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- 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 research for concrete pavements.

Additional topics will be featured on the ACPA website as speakers are confirmed.

Instructors include top professionals representing the concrete pavement industry, as well as specific disciplines within the field. The seminar will feature presentations by Michael Ayers, PhD, ACPA's Director of Highway Pavement Technology; Leif Wathne, P.E., ACPA's Director of Highways; Gary Mitchell, P.E., ACPA's Director of Airports; Scott Haislip, ACPA's Director of Streets and Local Roads; and many other subject matter experts.

SEMINAR FEE

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

The registration fee is fully refundable until April 16, but is non-refundable after that date.

SPONSORSHIP

Interested in participating? Space is extremely limited, so please contact ACPA's Mike Ayers today. After you (or a professor of your choice) are accepted to the program, ACPA will assist participants in obtaining sponsorship to offset travel and incidental costs.

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.

LOCATION

Exact location to be announced. Registrants will receive formal notification of the venue in advance of the seminar.



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APPLICATION

Please complete and fax the following application (847-966-9970), or alternatively e-mail the information to Mike Ayers at mayers@pavement.com.

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. Your completion of this application places you under no obligation. You will be notified, and if accepted, will be sent additional information in March.

REQUESTED INFORMATION

Name: _____
University or College: _____
Academic Rank: _____
Address: _____
City: _____ State/Province: _____
ZIP/Postal Code _____
Phone: _____
Fax: _____
E-mail: _____

Check here if you would like to be notified of other ACPA Education & Training opportunities.

What courses do you currently offer (or anticipate) that include concrete mix design and/or concrete pavement technology?

What is the approximate enrollment in these courses (or anticipated enrollment)?

Please fax or email this information to: Mike Ayers, Ph.D., at 847-966-9970 or mayers@pavement.com. If e-mailing, please include "2008 Professors Seminar" in the subject line. Payment information will be provided separately and only to those applicants selected for this program.

For additional information, contact:

Michael Ayers, Ph.D.,
Director of Highway Pavement Technology
American Concrete Pavement Association
Tel: (217) 621-3438 E-mail: mayers@pavement.com