



# 2009 Webinars

Program and Course Guide

The American Concrete Pavement Association  
Education & Training





**“Webinars 2009”** is the official program of the American Concrete Pavement Association’s web-based seminar (webinar) program. For detailed descriptions of the webinars offered this year, as well as biographies of the presenters, please visit [www.pavement.com](http://www.pavement.com). Follow the ACPA Education & Training link, or the logo shown above this paragraph.

This program describes one component of ACPA’s Education & Training program planned for 2009. For inquiries about this or other education and training, please contact Michael Ayers, Ph.D., ACPA’s Directory of Pavement Technology Services, at 217-621-3438 or [mayers@pavement.com](mailto:mayers@pavement.com).

The ACPA Webinar Series and all its associated materials, including this program—as well as actual presentations, examinations, and collateral materials—are copyrighted information and may not be reproduced or redistributed electronically or mechanically without the expressed, written permission of its owner and author, the American Concrete Pavement Association (ACPA). For authorization to reproduce or redistribute this or other ACPA webinar materials, please contact ACPA, 5420 Old Orchard Road, Suite A-100, Skokie, Illinois (USA) 60077. Phone: 847-966-2272. Fax: 847-966-9970, Email: [acpa@pavement.com](mailto:acpa@pavement.com). © 2009, American Concrete Pavement Association. All rights reserved.



The American Concrete Pavement Association's (ACPA's) highly acclaimed webinar series features an expanded program for 2009.

The series of 36 webinars will cover a broad range of topics presented in an interactive, online format.

Some of the transportation-construction community's most highly respected experts will present basic (60 minute) and intermediate (90 minute) webinars on a wide range of topics.

#### What's Covered?

The courses will cover virtually every aspect of design, construction, and rehabilitation of concrete pavements.

The program also will cover timely topics such as sustainability, energy, fuel efficiency, and more. There also will be application specific webinars that will focus on unique aspects of highways, or airports, roadways, or industrial/commercial pavements.

#### What's New for 2009?

Here are some of the highlights of our webinar program:

- < Expanded from 16 to 36 webinars.
- < More opportunities for interaction.
- < Dynamic presentation materials.
- < Special pricing on ACPA periodicals and resources.

- < Special access and special invitations to ACPA sponsored education & training events, including our popular Tech Day event, scheduled for December 4, 2009.

#### Who Should Participate?

Almost anyone with involvement or an interest in pavements should attend. Our special 60-minute programs provide an overview of various topics; these webinars are ideal for busy people who need to know the basics.

Our 60– to 90-minute programs are designed for those who want an intermediate level course that covers various topics in greater depth.

ACPA's webinar program is designed for ...

- < Contractors
- < Consultants
- < Engineers
- < Federal agencies (including FHWA and FAA)
- < Military and Dept. of Defense contractors and engineers
- < Municipal and county public works officials
- < Metropolitan Planning Organization officials
- < Academia

Some of our programs are also ideal for materials engineers, inspectors, and other agency personnel. A few of our webinars are also well suited for facilities managers, architects, owners' representatives and other asset managers and planning professionals who need to enhance their knowledge of pavements.

40+

With our full course offerings, you could earn more than 40 professional development hours (PDH's).

## Dynamic Schedule of 2009 ACPA Webinars

*Be sure to check [www.pavement.com](http://www.pavement.com) for regular updates throughout the year!*

Webinar #	Date	Length (Minutes)	Topic
1	January 22	90	<b>Optimizing/Economizing Rigid Pavement Design of Highways</b> (based on the Mechanistic-Empirical Pavement Design Guide)
2	January 29	60	<b>Overview of Airport Design</b> (based on ACPA's AirPave software)
3	February 5	60	<b>Concrete Pavement Joint Construction</b>
4	February 12	60	<b>An Introduction to HIPERPAV<sup>®</sup> Software</b>
5	February 19	60	<b>Optimizing/Economizing Rigid Pavement Design of Streets and Roads</b> (based on ACPA's StreetPave software)
6	February 26	90	<b>Best Practices for Constructing Concrete Pavements</b>
7	March 5	60	<b>Evaluating Existing Concrete Pavements for Rehabilitation</b>
8	March 12	60	<b>Strategies for Sustainable Concrete Pavements</b>
9	March 19	60	<b>Strategy Selection for Concrete Pavement Rehabilitation</b>
10	March 26	60	<b>Concrete Pavement Sustainability</b> (details on energy use, truck fuel savings and pavement roughness progression)
11	April 2	60	<b>Overview of Overlay Strategies and Type Selection</b>
12	April 9	90	<b>Rigid Airport Pavement Rehabilitation</b>
13	April 16	90	<b>Testing Rigid Pavements In-Place</b>
14	April 23	90	<b>Maturity Monitoring for Concrete Pavements</b>
15	April 30	90	<b>Constructing Optimal Surface Textures for Concrete Pavements</b>
16	May 7	90	<b>Key Variables in Rigid Pavement Design of Highways</b> (based on the Mechanistic-Empirical Pavement Design Guide)
17	May 14	60	<b>Quantifying Sustainability Through Life-Cycle Assessment</b>
18	May 21	90	<b>Pavement Type Selection</b>

19	May 28	60	<b>Diamond Grinding</b>
20	June 11	90	<b>Concrete Mix Optimization for Pavements</b>
21	August 20	60	<b>Understanding COMPASS Mix Design Software</b>
22	August 27	60	<b>Alternate Design/Alternate Bidding</b>
23	September 3	90	<b>Bonded Overlays—Design and Construction</b>
24	September 10	90	<b>Admixtures for Concrete Pavements</b>
25	September 17	90	<b>Recycling Concrete Pavements</b>
26	September 24	60	<b>Principles of Dowel Bar Retrofit</b>
27	October 1	90	<b>Unbonded Overlays—Design and Construction</b>
28	October 8	60	<b>Performance Based Specifications</b>
28	October 15	90	<b>Concrete Testing Matrix</b>
30	October 22	90	<b>Identifying and Resolving Materials Problems During Construction</b>
31	October 29	60	<b>Innovations in Concrete Paving Equipment</b>
32	November 5	60	<b>Specifications</b>
33	November 12	60	<b>Innovations in Concrete Batching Equipment</b>
34	November 19	60	<b>Full-Depth Repairs of Concrete Pavements</b>
35	December 10	60	<b>Curing Concrete Pavements</b>
36	December 17	90	<b>Concrete Pavement Repairs in Urban Areas</b>

## Rate Structure for the 2009 ACPA Webinars Series

*Pricing and other important information.*

### Webinar Rates (approx. 60 minute webinars)

- < \$65 per webinar (*non-members*)
- < \$35 per webinar (members only)
- < \$25 per webinar (government employees)

### Webinar Rates (approx. 90 minute webinars)

- < \$90 per webinar (*non-members*)
- < \$50 per webinar (members only)
- < \$35 per webinar (government employees)

### Registration

Register online at [www.pavement.com](http://www.pavement.com).  
Click on the webinar link or ACPA E&T Program icon.



### Terms and Conditions

- < A \$5 processing fee will be charged for each webinar canceled by the registrants or other company/organization representatives.
- < Professional development hours (PDH's) will be awarded only to individuals who score a 70% or higher on the ACPA-administered PDH exam. Persons who do not pass the exam may re-test.
- < PDH's will be issued only to persons whose payments have been processed satisfactorily.
- < Rates are applicable to all participants.
- < Course materials are offered at the conclusion of each webinar. Course materials include a copy of the presentation, the PDH exam, and information about additional resources on each topic.
- < Presentation materials (including watermarked copies of the presentations) are available to registrants at the conclusion of each webinar.

- < The opinions, findings, and conclusions expressed by presenters and moderators during the ACPA webinar series, as well in associated information, is based on facts, tests, and authorities in the field of concrete pavements and related topics.
- < The materials are intended for use by professional personnel competent to evaluate the applicability and limitations of the information and who will accept responsibility of the application of the material contained herein.
- < ACPA and its partners and affiliates disclaim any liability for the application of the information presented in association with the webinars and cannot be held responsible for the accuracy of any of the sources, other than the word developed by the Association staff.

### Are you missing an opportunity?

If you are not an ACPA member, you may be missing an opportunity to receive valuable benefits, including tremendous savings on this and other programs.

For membership information, contact Gerald Voigt, P.E., or Andy Gieraltowski at 847-966-2272 or [acpa@pavement.com](mailto:acpa@pavement.com).

## Need help?

Your ACPA staff is available to assist you with any aspect of your webinar experience.

- < Webinar Topics and Content — Mike Ayers, 217-621-3438 / [mayers@pavement.com](mailto:mayers@pavement.com)
- < Registration — Debbie Becker, 847-972-9802 / [dbecker@pavement.com](mailto:dbecker@pavement.com)
- < Billing — Marian Greco, 847-972-9834 / [mgreco@pavement.com](mailto:mgreco@pavement.com)
- < General Questions — Bill Davenport, 847-972-9810 / [bdavenport@pavement.com](mailto:bdavenport@pavement.com)