

TITLE	PAGE
ISCP NEWS	1
INDUSTRY PUBLICATIONS & RESOURCES	2-3
INDUSTRY NEWS	3-4
CONFERENCES & WORKSHOPS	4-5
CALL FOR ABSTRACTS	5
WEBINARS	6
CALL FOR ABSTRACTS DIGEST	6
CALENDAR	6

### ORGANIZATIONAL MEMBERS & MAJOR EVENT SPONSORS:



## ISCP NEWS

### ISCP Holds Annual Membership Business Meeting



The ISCP Annual Membership Business Meeting was held Saturday, January 10, 2015 in Washington, D.C., USA, in conjunction with the 94<sup>th</sup> Annual Meeting of the Transportation Research Board (TRB). Highlights of the meeting included:

- *Treasurer* Jacob Hiller presented the 2014 revenue and expenditure report and the approved 2015 budget. Recruiting more organizational members remains the top priority of the ISCP executive committee and the Board of Directors.
- *Directors* Leif Wathne and Corey Zollinger provided an update on the planning of the 11<sup>th</sup> International Conference (11<sup>th</sup> ICCP). The conference will be held August 28-31, 2016 in San Antonio, Texas, USA, and will feature technical sessions, poster sessions, interactive workshops, exhibit hall and field visits. As always, volunteers are welcome! If you would like to volunteer on one or more of the conference committees, please contact the conference chair: Leif Wathne: E-mail: [lwathne@acpa.org](mailto:lwathne@acpa.org). To view the conference announcement and first call for papers brochure, please go to: <http://www.concretepavements.org/11thiccp/11THICCPbrochure.pdf>.
- *Executive Director* Robert Rodden provided an update on the 9-month action plan. The plan focuses on four main activities:
  - Active online dialog
  - Language barrier breakdown
  - In-site technology transfer
  - On-line sponsored technology transfer webinars
- The newly elected board members were introduced. *ISCP President* Neeraj Buch thanked outgoing directors Bo Tian and Jim Grove for their continued service to ISCP. The ISCP membership and guests thanked Amy M. Dean for her work on the ISCP newsletter and 11<sup>th</sup> ICCP materials.
- During the 12<sup>th</sup> International Conference on Concrete Roads in September 2014 in Prague, Czech Republic, Professor Dan Zollinger, *Past President of ISCP*, received the "ISCP Honorary Member Award"; Leif Wathne, *ISCP Director*, received the Award for the "Best Marketing Paper"; and Jerry Voigt, *American Concrete Pavement Association (ACPA) CEO and President* gave the plenary presentation.



For a complete record of the minutes of this meeting, as well as those of other ISCP meetings, please go to the "Meeting Minutes" section of the ISCP website: [www.concretepavements.org/Meetings/minutes.htm](http://www.concretepavements.org/Meetings/minutes.htm).



### ISCP Board of Directors



The membership of ISCP has elected the following seven members to serve on the Board of directors for a four-year term effective February 1, 2015. Newly Elected Board Members who will serve through January 31, 2019:

**Rolf Breitenbücher**  
**Anna-Carin Brink**  
**Juan Pablo Covarrubias**  
**Erwin Kohler**  
**Luc Rens**  
**Peter Taylor**  
**Corey Zollinger**

*Ruhr-University Bochum (Germany)*  
*AECOM (Australia)*  
*TCPavements (Chile)*  
*Dynatest, Inc. (Chile)*  
*FEBELCEM (Belgium)*  
*National Concrete Pavement Technology Center (USA)*  
*CEMEX (USA)*

Current Board Members who will serve through January 31, 2017:

**Lev Khazanovich**  
**Somayeh Nassiri**  
**Bryan Perrie**  
**Tim Smith**  
**Sherry Sullivan**  
**George Vorobieff**  
**Leif Wathne**

*University of Minnesota (USA)*  
*Washington State University (USA)*  
*Concrete Institute (South Africa)*  
*Lafarge Canada, Inc. (Canada)*  
*Cement Association of Canada (Canada)*  
*Roads & Maritime Services (Australia)*  
*American Concrete Pavement Association (USA)*

ISCP would like to express deep appreciation to outgoing board members Jim Grove (USA) and Bo Tian (China) for their years of service to the Society and looks forward to their continued participation in ISCP activities.

ISCP would also like to thank its members for participating in this election and for continued support of its mission to further engineering and technical education, scientific investigation, and research in all areas related to the analysis, design, construction, materials, maintenance, rehabilitation and management of concrete pavements.

## Evaluation of the Benefits of Diamond Grinding of CRCP: Final Report

The Center for Transportation Research at the University of Texas at Austin has released a report, titled "Evaluation of the Benefits of Diamond Grinding of CRCP: Final Report", that outlines the testing and evaluation of a continuously reinforced concrete pavement (CRCP) on a highway that was rehabilitated using diamond grinding. This report outlines the testing and evaluation of a CRCP on IH35W near Fort Worth that was rehabilitated using diamond grinding instead of applying an asphalt overlay to extend the serviceability of the old concrete pavement. Surface macrotexture, skid, roughness and noise testing were done prior to the diamond grinding to establish reference levels for comparison.

After grinding, these four tests of the surface were repeated after 4, 9 and 15 months to evaluate the effectiveness and efficiency of this rehabilitation strategy.

Statistical analyses of the data collected were done to investigate the change in surface properties with diamond grinding and how the macrotexture, skid, roughness, and noise of the surface changed over time. The influence of pre-existing surface condition, traffic load, and speed on the deterioration of the diamond-ground surface was also investigated. The study indicates the benefit of diamond grinding as a rehabilitation strategy for enhancing the functionality of aged CRCP, but extended monitoring of the diamond-ground sections is recommended to better define the serviceability, service life, and benefit/cost ratio of this strategy.

To read the report in PDF form, please go to:  
<http://library.ctr.utexas.edu/ctr-publications/5-9046-01-1.pdf>.

## CP Road Map E-News

The **CP Road Map E-News** is the newsletter of the Long-Term Plan for Concrete Pavement Research and Technology (CP Road Map), a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

### New "Moving Advancements into Practice (MAP)" Brief

Moving Advancements into Practice (MAP) Briefs describe promising research and technologies that can be used now to enhance concrete paving practices. The December 2014 MAP Brief, "Relating Transport Properties to Performance" describes ongoing research into concrete permeability. To view the December 2014 News Brief, please go to:  
<http://www.cproadmap.org/publications/MAPbriefDecember2014.pdf>.

### News from the Road

News from the Road highlights research around the United States that is helping the concrete pavement community meet the research objectives outlined in the CP Road Map. Below are the featured headlines of the December 2014 CP Road Map. To continue reading each article, please go to: [http://www.cproadmap.org/publications/e-news\\_Dec2014.cfm](http://www.cproadmap.org/publications/e-news_Dec2014.cfm).

### Substrate Restraint of Bonded Concrete Overlays

When new concrete is placed, it undergoes volume changes due to drying shrinkage and changes in temperature and humidity. When new concrete is placed as part of a bonded concrete overlay, the existing relatively stable concrete substrate resists these changes, creating stresses in the new pavement that can lead to early age failures of the new surface.

### Potential Use of Waste Paper Sludge as a Pozzolan

Natural pozzolans are defined as either raw (volcanic material, limestone) or calcined natural materials (burnt shale, calcined kaolinite) with pozzolanic properties. Historically, they are among the oldest materials that have been used in combination with lime for construction purposes.

### Shrinkage Behavior of Sustainable Concrete with Crushed Returned Concrete Aggregate

In the current trend of sustainability, the concrete community has been aggressively looking into adopting green construction material practices, and at the same time improving concrete quality and performance for extensive service life and adaptive reuse. Concrete is the construction material used most in the world, with an estimated yearly production of 2.35 billion tons worldwide. In the United States, it is estimated that approximately 5% of the ready-mix concrete produced is unused and returned to the plant, with only a small portion reused.

### MnRoad: A Quiet and Durable Surface Experience

The current quiet diamond grinding configuration popularly known as Next Generation Concrete Surface (NGCS) was progressively researched, enhanced, and ultimately deployed between 2007 and 2013 at the Minnesota Road (MnROAD) research facility. The Minnesota Department of Transportation (MnDOT), Texas Department of Transportation (TXDOT), and The Federal Highway Administration (FHWA) collaborated with the International Grooving and Grinding Association (IGGA) and ACPA in a pooled fund study: TPF 5-(134)—towards the successful completion of this research after the prior laboratory work had been performed at the Herrick Laboratories at Purdue University.

### Updates from the States: Oklahoma

In the State of Oklahoma, concrete pavement research is coordinated through the Oklahoma Department of Transportation (ODOT) Research, Development, and Technology Transfer (RDTT) Program. This program identifies research needs, arranges for the conduct of research, and secures appropriate funding for research projects with specific objectives and prescribed timeframes.

To read all of the CP Road Map articles above, please go to:  
[http://www.cproadmap.org/publications/e-news\\_Dec2014.cfm](http://www.cproadmap.org/publications/e-news_Dec2014.cfm).  
 For more information, please contact by e-mail:



THE UNIVERSITY OF TEXAS AT AUSTIN  
 CENTER FOR TRANSPORTATION RESEARCH

#### Evaluation of the Benefits of Diamond Grinding of CRCP: Final Report

Principal Investigators:  
 Andre de Fozari Simoes  
 Jorge A. Pousa  
 Manuel Treviño

CTR Technical Report: 5-9046-01-1  
 Report Date: October 2013  
 Project: Evaluation of the Benefits of Diamond Grinding of CRCP Pavements  
 Sponsoring Agency: Texas Department of Transportation  
 Performing Agency: Center for Transportation Research at The University of Texas at Austin  
 Project performed in cooperation with the Texas Department of Transportation and the Federal Highway Administration.



#### "Moving Advancements into Practice" MAP Brief December 2014

Describing promising technologies that can be used now to enhance concrete paving practices

#### Relating Transport Properties to Performance in Concrete Pavements

www.cproadmap.org

December 2014  
 ROAD MAP TRACK 1

PROJECT TITLE  
 Relating Transport Properties to Performance in Concrete Pavements

TECHNICAL WRITER  
 Jose Maria  
 Pousa Treviño

EDITOR  
 Antonio Treviño

SPONSOR  
 Federal Highway Administration  
 Texas Department of Transportation  
 Texas Department of Transportation  
 Texas Department of Transportation  
 Texas Department of Transportation

FOR MORE INFORMATION  
 Visit the  
 CP Road Map website at  
 www.cproadmap.org

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.

CP Road Map is a national research plan developed and jointly implemented by the concrete pavement stakeholder community. To read the CP Road Map, please go to: <http://www.cproadmap.org>.



JANUARY 2015  
 VOLUME 12 • NUMBER 1



## Innovative Prediction of Fly Ash Performance in Concrete

Fly ash is widely known for its use in the concrete industry as a supplementary cementitious material capable of enhancing some properties of concrete. Fly ash in concrete mixtures has the ability to improve strength, reduce permeability, improve the workability of fresh concrete, and provide resistance to a number of common durability problems. However, because fly ash is not a manufactured material, not all sources have the same properties, which leads to limited substitution levels for portland cement in concrete mixtures. Fly ash is characterized primarily by its chemical makeup as either a Class C or Class F material, according to ASTM C618. It is recognized that two fly ash samples can have very similar chemical makeup, however, their performance in concrete mixtures may produce very different results.

This research project utilized new analysis techniques including an Automated Scanning Electron Microscope (ASEM) and Tomography Assisted Chemical Correlation (TACCo) to investigate particle properties and chemical composition and better define a particular fly ash's makeup. These new analysis techniques were able to identify differences in the particle properties that may be able to further classify fly ash properties and better predict concrete performance. This research was completed at Oklahoma State University for the Oklahoma Transportation Center.

To read more, please go to the December CP Road Map article:

[http://www.cproadmap.org/publications/e-news\\_2014\\_December-Oklahoma.cfm](http://www.cproadmap.org/publications/e-news_2014_December-Oklahoma.cfm).

To read the entire report in PDF form, please go to:

<http://www.oktc.org/otc/files/finalReports/OTCREOS10.1-25-F.pdf>.

## INDUSTRY NEWS

### ACPA Appoints Chairman of the Board of Directors

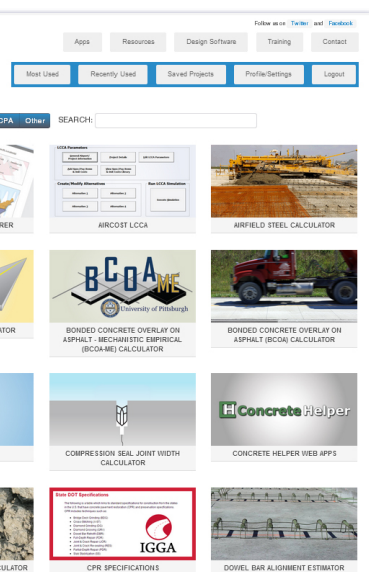


AMERICAN CONCRETE  
PAVEMENT ASSOCIATION

Mike Lipps, VP of Operations at Duit Construction Co., Inc., Edmond, Oklahoma, has been appointed the 2015 Chairman of the ACPA Board of Directors. As he assumes the mantle of Chairmanship, Lipps will lead the association through strategic planning and business model planning begun in 2014, while also leading new technical, technology transfer, and promotional opportunities identified at the ACPA Annual Meeting December, 2014. Under his leadership, the association will be sharply focused on passage of the federal-aid highway bill.

"Your voice with your Representatives and Senators is vital in pressing the importance of infrastructure funding. Passage of a new highway bill is something that will impact all of us in the next 5-10 years," he told attendees at the annual meeting. He also sounded an optimistic note, while emphasizing the need to focus on quality concrete pavement construction. For more information, please go to:

<http://www.acpa.org/press-releases/>.



### ACPA Revamps Application Library

ACPA has launched version 2.0 of its popular applications library, which features 59 web and smartphone applications, as well as software interfaces. The upgraded site makes searching for and using the apps faster and easier—due to the site's architecture, which provides a more dynamic and responsive experience. Tabs at the top of the page allow viewing the apps by category (design, construction, or analysis), and by operating system/device.

ACPA's Application Library is free of charge to users, which allows saving and sharing app project inputs and viewing the most used, and recently used, apps. Streamlined formatting of apps provides a uniform look and "feel" throughout the site, as well as speeds the access to apps and use of the apps. The site also offers printer-friendly formatting of results, including project information such as title, location, owner/agency, engineer, and the date.

The site may be accessed by PCs/Mac Computers, as well as most popular "smart phone" technology devices. To access the apps library, please follow this link: <http://apps.acpa.org/applibrary/>.

### How to Find ACPA Award Photos & Presentations from the 2014 ACPA Annual Meeting

The award photos and presentations are now available online from the ACPA 51<sup>st</sup> Annual Meeting, held in Scottsdale, Arizona, USA, in December 2014.

#### ACPA Award Photos

The fileshare/FTP address for each award category is the same, however each award is in portioned areas of the site. To access each, simply log in and out of one link using the user ID and password indicated. It will allow viewing and downloading award photos, including **ACPA 2014 Excellence in Concrete Pavement Awards**, **ACPA Distinguished Service Awards**, and other award photos from the 2014 ACPA Annual Meeting. Photos



AMERICAN CONCRETE  
PAVEMENT ASSOCIATION

Photo of ACPA app page

are organized by award categories. To access the file share page, please go to:  
<http://www.acpa.org/awardsphotos0115/>.

For other photos from the annual meeting, please contact:

Bill Davenport, VP-Communications, ACPA: Phone: 847.423.8703 | E-mail: [bdavenport@acpa.org](mailto:bdavenport@acpa.org)

**CPU Tracks** ACPA has posted the presentations from the popular *Concrete Pavement University Tracks (CPU Tracks)*. Presentations are offered as PDF's. For the presentations, please go to: <http://www.acpa.org/acpa51presentations/>.

## CONFERENCES & WORKSHOPS

### ACPA to Hold Press Conference at World of Concrete February 4



AMERICAN CONCRETE  
PAVEMENT ASSOCIATION

ACPA will present a **Press Conference** during *World of Concrete 2015*.

**Date:** Wednesday, February 4, 2015

**Time:** 8:00 a.m. to 9:00 a.m. (PST)

**Location:** Press Room #N251 (North Hall, Las Vegas Convention Center, Las Vegas, Nevada, USA).

**Overview:** ACPA will announce a new initiative that centers on technology transfer, knowledge transfer, and education throughout the transportation-construction community. This program represents a significant change for the association and industry in terms of how a vast amount of information about concrete pavements is collected, disseminated, and updated. This new approach aims to bring great value to owner/agencies, members of the association, researchers, students, and the transportation-construction community-at-large.

**The Press Event** will kick off with brief, welcoming remarks by Mike Lipps, ACPA's 2015 Chairman of the Board of Directors and Vice President of Operations at Duit Construction Co., Inc., Edmond, Oklahoma. Gerald F. (Jerry) Voigt, P.E., President and CEO of the American Concrete Pavement Association, Rosemont, Illinois the details about this new initiative.

**Press Materials** will be distributed at the press conference. One hour is reserved for the press conference, allowing for presentation/remarks, as well as time for questions and discussion with reporters, writers and editors. For information on The Las Vegas Convention Center, please go to: <http://www.worldofconcrete.com/Attendee/Travel/VenueName>. For more information, please contact: Bill Davenport, VP-Communications, ACPA: Phone: 847.423.8703 | E-mail: [bdavenport@acpa.org](mailto:bdavenport@acpa.org)

### 9<sup>th</sup> International Conference on Managing Pavement Assets to be Held in Washington, D.C. May 18-21



TRB, the Virginia Department of Transportation (VDOT), Virginia Tech, the FHWA, the American Association of State Highway and Transportation Officials (AASHTO) and the World Road Association (PIARC) are organizing the 9<sup>th</sup> International Conference on Managing Pavement Assets (ICMPA9) to be held May 18-21, 2015 in Alexandria, Virginia, located in the Washington, D.C. metropolitan area, U.S.A. Please note two important deadlines:

**January 31:** At least one author must register before for final papers to be included in the program.

**February 18:** Early registration closes.

The conference is aimed at defining the requirements for the "next generation" of pavement management tools needed, and to that effect it builds upon the following theme: **"Moving pavement management beyond the short-term: embracing innovation and addressing sustainability, accountability, and improved performance"**. This will be a unique forum to interact with colleagues from all over the world and will allow attendees to contribute to the shaping the next generation of approaches and systems used for managing our pavement assets.

Topics of discussion will include:

1. The "next generation" of pavement management systems
2. Sustainable design, construction, maintenance, and operation of pavement assets
3. Performance measurement, implementation targets and contractual requirements
4. Increasing the accountability of the various asset management stakeholders
5. Innovative, effective and sustainable pavement management practices and applications

For registration and more information, please go to: [www.ICMPA9.org](http://www.ICMPA9.org).

For the agenda and speakers, please go to: <http://www.cpe.vt.edu/icmpa9/agenda.html>.

For questions regarding the conference, please contact:

**Gerardo Flintsch**, Director-Center for Sustainable Transportation Infrastructure & Professor of Civil and Environmental Engineering, Virginia Tech

Phone: 540-231-9748 | E-mail: [flintsch@vt.edu](mailto:flintsch@vt.edu)

**Tanveer Chowdhury**, Assistant Division Administrator Maintenance Division – Central Office Virginia Department of Transportation

Phone: 804-786-0694 | E-mail: [tanveer.chowdhury@vdot.virginia.gov](mailto:tanveer.chowdhury@vdot.virginia.gov)

### ASCP 2015 Conference to be Held in Australia July 20-21, 2015



The 2015 Concrete Pavements Conference will be held July 20-21, 2015 at the Breakfree Aanuka Beach Resort in Coffs Harbour, NSW, Australia. The 2015 Conference aims to bring new information to the Australian industry and aims to extend the scope of previous Conferences to include papers

on the foundations which support concrete pavements. In addition to papers about concrete pavements (design, construction, materials and equipment), the Conference will present information related to pavement support aspects—especially earthworks, drainage, piling, soft soil considerations, and concrete pavement topics. ASCP seeks to include many of the following:





- Concrete road pavements
- Concrete port pavements
- Concrete pavements for airports
- Concrete pavements for rail
- Heavy duty industrial pavements
- Pavement design
- Pavement construction
- Pavement materials
- Pavement equipment
- Concrete road pavement noise
- Concrete overlays

- Earthworks for pavement support
- Drainage
- Piling
- Soft soil considerations
- Recycling of concrete pavements
- Recycled materials
- Concrete pavement maintenance
- Two layer paving
- Joints and sealants
- Retrofitting of dowels
- Lessons learned from the past

Site visits to one or more nearby construction projects on the Pacific Highway will be included on day two of the Conference, probably as optional activities.

For more information, please go to:

<http://www.concretepavements.com.au/Events/EventDetails.aspx?EventID=123>

For the article on the Call for Papers for the ASCP 2015 Conference, please see page 2 of the ISCP November 2014 issue: <http://concretepavementorg.ipage.com/wordpress/wp-content/uploads/2014/12/ISCP-Newsletter-Vol-11-No-11.pdf>.

## XXV<sup>th</sup> World Road Congress to be Held in Seoul, Republic of Korea November 2-5, 2015



The 25<sup>th</sup> edition of the World Road Congress will be held at the Coex Center in Seoul, Republic of Korea, November 2-5, 2015. Under the theme of **"Roads and Mobility - Creating New Value from Transport"**, this five-day event will bring together thousands of road and road transport stakeholders from around the world—including about 50 ministers and vice ministers—and top leaders from public and private organizations. Dozens of sessions will allow participants to get a broad and global picture of the current situation of the road sector and its main challenges for the future. Congress 2015 will offer a unique opportunity to strengthen knowledge and expand networks, while enjoying the discovery of Korea's state-of-the-art technologies in road transport, as well as its exceptional blend of tradition and modernity.

The Korean Organizing Committee has decided to extend the **Exhibitor deadline to March 31, 2015**, in order to allow more participants to receive early registration benefits. If you are planning to exhibit but have not yet registered, please be sure to register a booth by March 31 so as not to miss out! National committees, central government agencies, local government bodies, research and development organizations and related companies will potentially have over 500 exhibits.

The Conference program includes:

- Welcome Reception
- Workshop on Airfield Pavements (Nov 4-5)
- Post-Congress Tour of beautiful places in Korea
- Gala Dinner
- Plenary, Main, other Sessions
- Technical Visits
- Spouse/Guest Program
- and more.

Registration: **Exhibitor: through March 31, 2015**  
**Early Bird Conference Rate through August 31, 2015**  
**Standard Conference Rate through September 25, 2015**

For all information on the XXV<sup>th</sup> World Road Congress, please go to:  
<http://www.piarcseoul2015.org/wrcs/>.



## CALL FOR [PRESENTATION] ABSTRACTS

### Call for Abstracts for Workshop on Airfield Pavements at XXV<sup>th</sup> World Road Congress

**25<sup>th</sup> WORLD ROAD CONGRESS**  
**SEOUL 2015**

As part of the XXV<sup>th</sup> World Road Congress organized in Seoul, Republic of Korea, a one and half-day **Workshop on Airfield Pavements** will take place November 4-5, 2015 in the congress premises. Presentations are invited on the topics covered by the 3 sessions, according to the timeline (listed below). The proposals will be reviewed by the Scientific Committee of this workshop. Accepted papers and Power Point presentations will be included in the proceedings of the XXV<sup>th</sup> World Road Congress published by the World Road Association (PIARC) after the congress. This workshop will be held in English.

This workshop is composed of 3 sessions:

- Session 1: Functional requirements, Surface Characteristics
- Session 2: Airfield Design, Full-scale testing, Pavement rating system
- Session 3: Airfield Construction, Maintenance, Restoration and Management

Please **submit an abstract by February 27, 2015** to: [AirfieldPavement.PIARC@airbus.com](mailto:AirfieldPavement.PIARC@airbus.com).

For additional information on the Airfield Workshop, please contact:

Cyril Fabre: E-mail: [cyril.fabre@airbus.com](mailto:cyril.fabre@airbus.com)

For additional information on the Airfield Pavements Workshop at the XXV<sup>th</sup> World Road Congress, please go online to: <http://www.piarcseoul2015.org/wrcs/program/workshop>.

Due to the short notice, authors may submit either a full paper according to given instructions, the PowerPoint presentation, or both.



[http://commons.wikimedia.org/wiki/File:South\\_Korea\\_on\\_the\\_globe\\_\(Japan-centered\).svg](http://commons.wikimedia.org/wiki/File:South_Korea_on_the_globe_(Japan-centered).svg)

#### IMPORTANT DATES:

**February 27**

Deadline for Submission of Abstracts

**March 20**

Acceptance & Notification of Abstracts

**May 22**

Deadline for Full Papers &/or PPT Presentation

**June 26**

Acceptance Notification of Full Papers &/or PPT Presentation

**November 2-6**

XXV<sup>th</sup> World Congress (Seoul 2015)

**November 4-5**

XXV<sup>th</sup> World Congress Pavement Seminar

## ACPA 2015 Webinar & Meganar Program



ACPA and the National Concrete Pavement Technology Center (CP Tech Center) are co-presenting a series of webinars. This program is sponsored by the FHWA. Below are the topics and dates. Included in the 2015 program is a series of webinars on concrete pavement overlays. ACPA is continuing to work on more detailed information, which will soon be posted on the "Education & Training" page of the ACPA website.

February 12	<b>Concrete Overlays Series-Part 3: Concrete Pavement Overlay Performance History</b>
February 26	<b>Concrete Overlays Series-Part 4: Concrete Pavement Overlay Materials</b>
March 5	<b>Concrete Overlays Series-Part 5: Concrete Pavement Overlay Design Details/Joints</b>
Date TBA	<b>Streetscapes: Strategies for Using Pervious Concrete and Permeable Interlocking Concrete Pavements</b>
March 26	<b>Concrete Overlays Series-Part 6: Maintenance of Traffic During Concrete Pavement Overlay Construction</b>

To check the new details about upcoming webinars and meganars, as well as frequently added new topics and schedule changes, please go to: <http://www.acpa.org/2015webinar/>. To visit the CP Tech Center website, please go to: [www.cptechcenter.org](http://www.cptechcenter.org).

## CALL FOR ABSTRACTS/PAPERS DIGEST

**February 27, 2015** Due date for abstracts of presentations for the **XXV<sup>th</sup> World Road Congress Airfield Pavements Workshop** to be held at Coex Center in Seoul, Republic of Korea, November 4-5, 2015 during the XXV<sup>th</sup> World Road Congress. Please submit an abstract to: [AirfieldPavement.PIARC@airbus.com](mailto:AirfieldPavement.PIARC@airbus.com).

**April 30, 2015** Due date for abstracts and letters of intent for the **11<sup>th</sup> International Conference on Concrete Pavements (11<sup>th</sup> ICCP)** to be held in San Antonio, Texas, USA, August 28-31, 2016. For the Announcement and First Call for Papers brochure, please contact Leif Wathne, *11<sup>th</sup> ICCP Conference Chair*: E-mail: [lwathne@acpa.org](mailto:lwathne@acpa.org). For the online version, please go to: <http://www.concretepavements.org/11thiccp/11THICCPbrochure.pdf>.

**May 8, 2015** Due date for abstracts and resúms for the **10<sup>th</sup> Uruguayan Road Congress**, to be held October 14-16, 2015 in the Conference Room of the Technological Laboratory of Uruguay in Montevideo, Uruguay (Av Italia 6201). For more information, please contact: Uruguayan Association of Roads: Phone: 598.2401.9459 | Fax: 598.2402.3007 | E-mail: [secretaria@auc.com.uy](mailto:secretaria@auc.com.uy) | Website: [www.auc.com.uy](http://www.auc.com.uy) English: <https://translate.google.com/translate?hl=en&sl=auto&tl=en&u=http%3A%2F%2Fwww.auc.com.uy>.

## CALENDAR

### FEBRUARY 2015

#### World of Concrete— Exhibits & Concrete Seminars

February 2-6, 2015 in the Las Vegas Convention Center, Las Vegas, Nevada, <http://www.worldofconcrete.com>

#### Full-Depth Reclamation Symposium

February 10-11, 2015, at the Hyatt Regency, Greenville, South Carolina, [www.secement.org](http://www.secement.org)

#### WCPA Annual Concrete Pavement Workshop

February 10-12, 2015, at the Oshkosh Premiere Waterfront Hotel in Oshkosh, Wisconsin [http://www.wisconcrete.org/?page\\_id=1016](http://www.wisconcrete.org/?page_id=1016)

### MAY 2015

#### 9<sup>th</sup> International Conference on Managing Pavement Assets (ICMPA9)

May 18-21, 2015, in Alexandria, Virginia in the Washington, D.C. metropolitan area, U.S.A., [www.ICMPA9.org](http://www.ICMPA9.org)

### JUNE 2015

#### James Lai Symposium on Pavement Mechanics and Materials

2015 ASCE Engineering Mechanics Institute Conference (MS 61)  
June 16-19, 2015 in Palo Alto, California, USA, <http://www.emi2015.info/minisymposia/symposia>

### JULY 2015

#### 2015 AASHTO/TRB Conference on Transportation Infrastructure Maintenance and Operations

July 2015 in Des Moines, Iowa, USA, <http://bit.ly/1jLv6Tj>

### AUGUST 2015

#### Concrete 2015

August 30, 2015 - September, 2015, in Melbourne, Victoria, Australia, <http://concrete2015.com.au/>

### October 2015

#### 11<sup>th</sup> International Symposium on Brittle Matrix Composites – BMC-11

October 12-14 2015 in Warsaw, Poland, <http://bmc11.ippt.pan.pl/>

### November 2015

#### XXV<sup>th</sup> World Road Congress

November 2-6, 2015 in Seoul, South Korea, <http://piarcseoul2015.org/>

For events in 2016 and beyond, please go to: <http://www.concretepavements.org/calendar.htm>

Find us on:  
**facebook**  
[www.facebook.com/concretepavements](http://www.facebook.com/concretepavements)

**Linked in**  
<http://www.linkedin.com/home>

Questions? Please contact moderator Jeff Roesler [jroesler@illinois.edu](mailto:jroesler@illinois.edu)

@ConcPaveSociety

#### The ISCP Newsletter is produced monthly by:

Editor-in-Chief & Art Director: **Amy M. Dean** [newsletter@concretepavements.org](mailto:newsletter@concretepavements.org)

ISCP would like to thank  
**Bill Davenport**, VP Communications-ACPA; **John Figueroa**, Technical Director, Transport Services-Aurecon;  
**Greg Dean**, Executive Director, Carolinas Concrete Paving Association;

ISCP invites members and friends to submit articles and calendar items future issues to:  
[newsletter@concretepavements.org](mailto:newsletter@concretepavements.org).



ISCP President: **Neeraj Buch, Ph.D.** [president@concretepavements.org](mailto:president@concretepavements.org)  
Vice-President: **Jeff Roesler, Ph.D., PE** [vice-president@concretepavements.org](mailto:vice-president@concretepavements.org)  
Secretary/Treasurer: **Jake Hillier, Ph.D.** [secretary-treasurer@concretepavements.org](mailto:secretary-treasurer@concretepavements.org)  
ISCP Executive Director: **Robert Rodden, PE** [exec@concretepavements.org](mailto:exec@concretepavements.org)

Please visit the **ISCP Website** at [www.concretepavements.org](http://www.concretepavements.org) for more information about ISCP.

Maps, globes: **National Geographic Family Reference Atlas of the World** ©2002 National Geographic Society, Washington, D.C. All additional sources noted on perspective pages.