



International Society for Concrete Pavements

ISCP e-Newsletter

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What's New at ISCP

Message from the President



Many of us may have felt the unfortunate effects of the recent downturn in the economy both personally or professionally. I hope that you are finding ways to cope with the circumstances and hope the situation will soon begin to improve for us all.

More than ever before, good understanding of concrete pavement technology is needed to address the demanding longevity and sustainability requirements associated with the quality of life we all seek, and we can visualize being immeasurably benefited by the more effective application of concrete pavement technology. ISCP is genuinely committed to technology transfer on a worldwide basis, but there is a need to step up our efforts to develop the information infrastructure of the Society. We have gotten a start on a variety of outreach efforts, but need to double these efforts in order to accelerate the progress that has taken place to date.

The task is enormous but nonetheless worthwhile; improving the transfer of technology through conferences (either national, regional, or international conferences), workshops, seminars, workshops, document caches, etc., will continue for many years to come. Key members of the Board are initiating efforts to facilitate technology transfer in a variety of forms. George Vorobieff and José Balbo have been successful in coordinating co-sponsorship of a conference in China that is scheduled for December of this year. Juan Pablo Covarrubias has developed a list of potential new corporate sponsors based on his visit to the World of Concrete this past February, and he is working to expand and better define membership benefits. Both Mike Darter and Bryan Perrie have initiated efforts to establish linkages between library resources available to the PCA, EUPAVE, and the Concrete Institute in South Africa. There are many ways ISCP members can pitch in and help out with any of these efforts. Please don't hesitate to contact us or anyone of these individuals to get involved. We want your involvement and look forward to your participation to help ISCP to meet its mission and become an even greater organization.

Dan Zollinger

International Conference on Concrete Pavements – China: Announcement and Call for Papers

ISCP is pleased to announce that the Society is co-sponsoring the International Conference on Concrete Pavements – China, an event that is being organized and hosted by the Research Institute of Highway (RIOH) and China Society of Pavement. This event will be held in Haikou, Hainan in southern China on December 2-4, 2009. The conference is intended for pavement, materials, and geotechnical engineering professionals who are involved in all aspects of concrete pavement design, construction, testing, evaluation, and rehabilitation.

Papers and conference presentations are being solicited for a wide range of topics dealing with concrete pavement innovations, including (but not limited to): concrete pavement analysis, design, and construction; concrete materials and pavement performance; joint performance; different types of concrete pavements and overlays; post-construction evaluation; long-term performance; ecological issues; economics; and more.

Papers and presentations dealing with emerging topics are also encouraged. Additional details (including specific areas of interest, preliminary technical program and abstract submittal form) are provided in the Conference Announcement and Call for Papers that will



be posted very soon on the ISCP website at www.concretepavements.org. A spouse/guest program is also planned; details will be presented in the conference registration packet.

Letters of intent to submit (abstract submittals) are due July 15, 2009 and should be sent to Dr. Bo Tian at rioht@sina.com. Completed papers will be due for review by September 1. All papers are to be written in English, which will be the official language of the conference. Papers will be peer-reviewed and those accepted for presentation will be published in the conference proceedings.

Watch the ISCP website for additional information on this important event!

ISCP "Mid-Year" Board Meeting moved to Santiago

The 2009 "mid-year" meeting of ISCP's Board of Directors has been reset for the week of November 16-19, 2009 in Santiago, Chile. Tentative plans include a one-day ISCP Board meeting on Monday (Nov 16), followed by a 2.5-day Congress on Concrete Pavements at the Pontifical Catholic University of Chile in Santiago (with presentations being made by Board members and proceeds of the Congress being used to defray the travel and meeting costs).

Special thanks go to Juan Pablo Covarrubias, along with his son, Juan Pablo Jr., and Mr. Guillermo Thenoux of the Catholic University, for their efforts to plan and organize this meeting and conference on very short notice after our original meeting plans had to be changed.

The agenda for the Board meeting is expected to be very full as many important decisions regarding ISCP's future direction and management need to be addressed. Additional details concerning the meeting and Congress will be mailed to all Board members and posted on the ISCP website (www.concretepavements.org) as they become available. As always, the Board meeting will be open to all members.

ISCP Board and Officer Elections Planned

Terms will expire in January 2010 for all ISCP Officers (President, Vice-President and Secretary-Treasurer) as well as seven Directors. Elections are being planned to follow the November Board Meeting (when the Nominating Committee's slate of candidates will be finalized and approved) and newly elected officers and directors will serve 4-year terms beginning January 31, 2010.

Directors with terms that expire in January 2010 are:

- José Balbo, University of Sao Paolo (BRAZIL)
- Anna-Carin Brink, UWP Consulting (SOUTH AFRICA)
- Jean-Pierre Christory, LROP (FRANCE)
- Juan Pablo Covarrubias, Litoral Ingeniería Ltda. (CHILE)
- Michael I. Darter, Applied Research Associates, Inc. (USA)
- James Grove, Federal Highway Administration (USA)
- André Jasienski, FEBELCEM (BELGIUM)

New criteria and procedures for the nomination and election of officer and director candidates were established at the August 2008 Board meeting. These can be found on the ISCP website at:

<http://www.concretepavements.org/Meetings/8-16-08%20Draft%20Bd%20Meeting%20Minutes.pdf>

Standard nomination forms and nomination instructions will soon be made available on the ISCP website. Members are strongly encouraged to identify and nominate worthy candidates for any and all positions. Check the ISCP website and upcoming newsletters for additional information on the call for nominees and election details.

Call for Honorary Member Nominations

The Society is seeking nominations for Honorary Membership for consideration by the Board of Directors at the upcoming mid-year meeting in Chile. Honorary members are individuals that have provided exemplary service to the International Society for Concrete Pavements and/or to the improvement of concrete pavement technology over their careers. ISCP has honored 16 individuals with honorary member status since 2001. Current ISCP Honorary Members can be viewed at:

http://www.concretepavements.org/honorary_members.htm

Nominations for honorary membership may be submitted to the ISCP Secretary using the standard nomination form (available at the link below) at any time by any ISCP member in good standing. The deadline for nominations for induction in 2010 has been extended to October 1, 2009, at which time the ISCP secretary will prepare copies of all active nominations and distribute them to the ISCP Board of Directors for consideration at their mid-year meeting. Honorary members are generally inducted at the next annual membership meeting of the ISCP.

For more details on the Honorary Member procedures and details, please go to:

<http://www.concretepavements.org/Membership/honorary.htm>

Conference News

EUPAVE 11th Symposium Call for Abstracts Deadline Extended

The deadline for submitting abstracts for the EUPAVE 11th International Symposium on Concrete Roads, 2010 has been extended to August 15th. Abstracts for proposed manuscripts should be submitted in English by email to the Symposium Secretariat at info@eupave.eu.

For more information on the 11th International Symposium on Concrete Roads 2010, which will be held from October 13-15th, 2010, please visit the Symposium website:

www.2010concreteroads.org

International Conference on Sustainable Concrete Pavements to be Held in California

The Federal Highway Administration (FHWA)'s Advanced Concrete Pavement Technology (ACPT) Program and the National Concrete Pavement Technology Center (NCPTC) at Iowa State University are sponsoring the "International Conference on Sustainable Concrete Pavements: Practice, Challenges, and Directions". This conference will be held at the Hyatt Regency hotel in downtown Sacramento, California, USA on September 15-17th, 2010.

This 2.5-day conference is being developed to provide highway and airport agencies and the concrete paving industry with the most current information on sustainability considerations for concrete pavements. Through an international forum, the conference will discuss the sustainable attributes of concrete pavements by presenting existing technologies, emerging research, approaches to measuring energy and environmental impact, user considerations, and international practices and experience. The forum will present improved and innovative processes for achieving sustainable concrete pavements throughout the pavement's life cycle.

Papers and conference presentations are solicited both nationally and internationally on a wide range of topics dealing with best practices for building new sustainable concrete pavements and for sustainably managing and preserving existing highway and airfield concrete pavements. Some of the topics of interest are: sustainable strategies for concrete materials, mix designs, pavement design, construction, rehabilitation practices, life-cycle assessment, and quantification of environmental and social considerations. Papers on

international best practices and future directions are especially welcomed. The papers will be peer-reviewed by the Technical Program Subcommittee. One-page abstracts are due on October 1, 2009.

For further information about the conference please go to the website:

<http://www.fhwa.dot.gov/pavement/concrete/2010acftpconf.cfm>

7th International DUT-Workshop Call for Abstracts

In cooperation with [CROW Technology Centre](#), [Netherlands Cement Industry ENCI B.V.](#), [FEBELCEM](#), [EUPAVE](#) and the [International Society for Concrete Pavements](#), the [Delft University of Technology](#) (DUT) is organizing the 7th International DUT-Workshop on Design and Performance of Sustainable and Durable Concrete Pavements on October, 10-11, 2010 near Seville, Spain. In the spirit of previous workshops, this event will be held in conjunction with the [11th International Symposium on Concrete Roads](#) (organized by EUPAVE) on October 13-15, 2010 in Seville, Spain.

The Workshop is of special interest to experts and researchers in the field of design and performance of sustainable and durable concrete pavements for roads, bridges, airports, industrial yards and railways. Past workshops have included researchers from around the globe and have been conducted in unique settings with an interactive format to promote discussion and hospitality. In order to ensure a maximum amount of time for discussion, the number of participants will be limited to 40. A call for abstracts (in English with maximum of 200 words) has been issued with a deadline of March 1, 2010.

For more information, please go to the workshop website at:

<http://www.citg.tudelft.nl/live/pagina.jsp?id=46c8bc2d-df2b-44c7-8cda-fc456c6c9648&lang=en>

Corporate Member Profile: CRSI

The [Concrete Reinforcing Steel Institute \(CRSI\)](#) is a US national trade association that stands as the authoritative resource for information related to cast-in-place steel reinforced concrete construction. Founded in 1924, CRSI members form a complete network that includes both industry and professionals involved in a variety of activities, ranging from reinforcing bar manufacturing to research, design and construction of reinforced concrete.



The engineering staff and technical committees at CRSI actively participate in building code and specification groups to ensure that reinforcing steel issues are appropriately represented. CRSI members and staff actively participate in technical committees at relevant professional organizations including American Concrete Institute (ACI) and American Society for Testing and Materials (ASTM).

CRSI's highly respected technical publications such as design handbooks, manuals of standard practice, construction manuals, and software programs are used throughout the United States, Canada and Mexico. Members of CRSI have the opportunity to participate on a national, regional or local level. Professionals such as engineers, architects, code officials, building inspectors, specifiers, professors and researchers benefit by accessing information on current design and construction techniques for reinforced concrete structures, savings on CRSI publications and access to CRSI's technical information exchange. By operating on multiple levels, CRSI companies benefit from having a network of members in their geographical area and a national voice in the industry all aimed at promoting members' interests and helping to improve their operations.

Corporate members have access to the latest in reinforced concrete detailing, fabrication and construction information, participation in employee training programs or industry representation at trade shows, conferences and state and federal government functions. CRSI market development efforts focus on regional and national promotions. Regional programs specifically target key decision makers on a local level. National programs promote the advantages of using reinforced concrete as a structural system and also provide the tools for effective regional promotion.

For more information about CRSI or to learn about membership, please visit the website:

<http://www.crsi.org/>

Industry News

ACPA's Mid-Year Meeting in July

The American Concrete Pavement Association (ACPA) is holding its mid-year meeting from July 8-10, 2009 at the Marriott Resort in Oakbrook, IL, USA. The mid-year meeting is a great opportunity for practitioners to learn what's new in the industry. With a wide variety of topics covered, from legislative issues, training, innovative contracting to new technologies available. In addition, there will be a golf outing for attendees to relax and network with friends and colleagues.

For more information on the mid-year meeting, please visit ACPA's website:

<http://www.pavement.com/>

Workshop on Computer Modeling Hosted by ACBM/NIST

The Center for Advanced Cement-Based Materials (ACBM), the National Institute of Standards and Technology (NIST), and ASTM Committees C01 (Cement) and C09 (Concrete) are sponsoring the 20th Computer Modeling Workshop. The workshop is held every year to help transfer computational materials science techniques in concrete to researchers in industry, academia, and government. This year the 20th workshop will be held from August 12-14th, 2009 at the NIST center in Gaithersburg, Maryland, USA.

The focus of the workshop is on cement-based materials, showing how microstructure development during hydration and subsequent properties can be computed with three-dimensional models. An emphasis of the workshop is how experimental materials science data can combine synergistically with computational materials science results to help solve the complex problems of concrete.

The 3-day workshop is tutorial in nature, and is intended to be useful both to those who do experimental work and would like to learn how computer models can contribute to their research, as well as to those who themselves do computer modeling. The workshop is made up of lectures from NIST personnel, invited lectures from distinguished researchers in academia and government, and 15-minute talks from the workshop attendees themselves highlighting their areas of technical interest.

An electronic version of the announcement and schedule can be found online entitled "Modeling and Measuring the Structure and Properties of Cement-Based Materials". Registration is free for the workshop, however those interested in attending must register for the workshop and reserve their hotel for the workshop rate by July 31st, 2009. Those interested in attending can register online (click on the 2009 Workshop button) at:

<http://ciks.cbt.nist.gov/~garbocz/workshop.html>

ACPA Offers Publication on Stormwater Management with Pervious Concrete Pavement

The American Concrete Pavement Association (ACPA) announces the availability of "Stormwater Management with Pervious Concrete Pavement" (IS334-P). This publication is one of the Association's most popular publications, which covers the very timely topic of pervious pavements.

The popular publication covers topics such as application, construction and design considerations, limitations, maintenance and effectiveness. Detailed sample cross sections for several scenarios are also included.

All figures have been updated to now include both English and metric units. Also, the "References" and "Additional Resources" sections have been greatly expanded and updated to better reflect the relatively recent adoption of pervious concrete pavement by an ever expanding number of specifying agencies. Just a few examples include:

- American Concrete Institute (ACI) guidance documents and specifications,
- U.S. Environmental Protection Agency (EPA) reports,
- Research by the National Ready Mixed Concrete Association, and
- State Department of Transportation research reports.

The publication also cites ACPA's "PerviousPave," a new software program currently in development by ACPA. This program will be the first formal design procedure/software created exclusively for the purpose of designing pervious concrete pavements. The price of IS334-P is \$4.50 for members, \$18 for non-members.

The publication is available by contacting ACPA's Gloria Hallman at 847-966-2272 (8:00 a.m. to 5:00 p.m. Central); by fax at 847-966-9970 (24/7); or by email to ghallman@acpa.org (any time). For overnight or other priority shipping, please call in advance of placing the order to obtain a precise cost quotation.

Upcoming Events

TRB Data Analysis Working Group (DAWG) (Held in conjunction with MAIREPAV6)

July 7-10, 2009 in Torino, Italy

<http://www.trb.org/Studies/Programs/DAWG.asp>

Sixth International Conference on Maintenance and Rehabilitation of Pavements and Technological Control (MAIREPAV6)

July 8-10, 2009 in Torino, Italy

<http://www.mairepav6.it>

GeoHunan International Conference on Challenges and Recent Advances in Pavement Technologies and Transportation Geotechnics

August 3-6, 2009 in Hunan, China

<http://www.geohunan.org/>

9th International Conference of Chinese Transportation Professionals (ICCTP 2009)

August 5-9, 2009 in Harbin, China

<http://www.icctp.org.cn/default.asp>

20th ACBM/NIST Computer Modeling Workshop

August 12-14, 2009 in Gaithersburg, Maryland, USA

<http://concrete.nist.gov/monograph>

XXVIIe International Baltic Road Conference

August 24-26, 2009 in Riga, Latvia

<http://www.lvceli.lv/en/?i=124>

4th International Conference on Modern Technologies in Highway Engineering

September 3-4, 2009 in Poznan, Poland

(no website provided to date)

XV Argentine Congress on Road Safety and Traffic

September 14-18, 2009 in Mar del Plata, Argentina

<http://www.congresodevialidad.org.ar/agenda.html>

21st Belgian Road Congress

September 22-25, 2009 in Gent, Belgium

<http://www.wegencongres.be>



9th International Conference on Concrete Block Paving

October 18-21, 2009 in Buenos Aires, Argentina

<http://www.iccbp2009.com.ar>

Ninth International Symposium on Brittle Matrix Composites (BMC9)

October 25-28, 2009 in Warsaw, Poland

<http://bmc.ippt.gov.pl/>

TREMTI 3: 3rd International Symposium on Stabilization and Recycling

November 12-14, 2009 in Antigua, Guatemala

<http://www.eupave.eu/documents/events/tremti-2009.xml>



ISCP "Mid-Year" Board Meeting and Concrete Paving Congress

November 16-19, 2009 in Santiago, Chile

<http://www.concretepavements.org>



International Conference on Concrete Pavements – China

December 2-4, 2009 in Haikou, Hainan, China

<http://www.concretepavements.org>

International RILEM Conference on Progress of Recycling in the Built Environment

December 2-4, 2009 in São Paulo, Brazil

<http://www.recycle2009.org/index.html>

89th Transportation Research Board Annual Meeting

January 10-14, 2010 in Washington DC, USA

<http://www.trb.org>

13th International Winter Road Congress

February 8-11, 2010 in Quebec City, Canada

<http://www.aipcrquebec2010.org>

1st International Conference on Pavement Preservation

April 12-16, 2010 in Newport Beach, California, USA

<http://www.pavementpreservation.org/icpp/>

2010 FAA Worldwide Airport Technology Transfer Conference

April 20-22, 2010, in Atlantic City, New Jersey, USA

<http://www.airtech.tc.faa.gov/att2010/>

First International Conference on Nanotechnology in Cement and Concrete

May 5-7, 2010, in Irvine, California, USA

<http://www.trb.org/Conferences/2010/Nanotech>

7th International Conference on Fracture Mechanics of Concrete and Concrete Structures

May 23-28, 2010 on Jeju Island, South Korea

<http://www.framcos7.org/>

GeoShanghai 2010

June 3-5, 2010 in Shanghai, China

<http://www.geoshanghai2010.org/index.asp>

International Conference on Sustainable Concrete Pavements: Practices, Challenges, and Directions

September 15-17, 2010 in Sacramento, California, USA

<http://www.fhwa.dot.gov/pavement/concrete/2010acptpconf.cfm>



7th International DUT Workshop on the Design and Performance of Sustainable and Durable Concrete Pavements

October 10-11, 2010 near Seville, Spain

<http://www.citg.tudelft.nl/live/pagina.jsp?id=46c8bc2d-df2b-44c7-8cda-fc456c6c9648&lang=en>



11th International Symposium on Concrete Roads

Organized by EUPAVE

October 13-15, 2010 in Seville, Spain

<http://www.2010concreteroads.org/>

10th International Conference on Low-Volume Roads

July 24-27, 2011 in Lake Buena Vista, Florida, USA

<http://www.trb.org/conferences/2011/10LVR>

24th World Road Congress

September 25-30, 2011 in Mexico City, Mexico

<http://www.piarc.org/en/congresses-seminars/road-congresses.htm>



International Conference on Concrete Pavement Design, Construction, and Rehabilitation

Tentatively planned for 2011

Chang'an University, Xi'an, Shaanxi Province, P.R. China

<http://www.concretepavements.org/>



10th International Conference on Concrete Pavements

Organized by ISCP

Tentatively planned for a location in Canada in 2012

<http://www.concretepavements.org/>

If you wish to submit an announcement and/or link for an upcoming conference, meeting, or call for papers for the next ISCP e-newsletter, please contact us at newsletter@concretepavements.org.

The ISCP E-Newsletter is produced by Editor-in-Chief, Amanda Bordelon, Associate Editor, Dr. Jake Hiller, and Assistant Editors: Cristian Gaedicke, Corey Zollinger, and Nancy Whiting. Suggestions for future newsletters are welcomed at newsletter@concretepavements.org.

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