President’s Message

It has been a busy couple of months for ISCP since the last newsletter and the Society is quickly moving to become a greater presence in the international concrete paving community while providing additional value for Society members.

The first major step taken was to hire two fine contractors to assist Society volunteers with some of the more onerous tasks of running the organization. Ms. Laura Taylor (Michigan State University) has been hired to serve as an administrative assistant and will handle many membership-related functions (renewals, processing, etc.) and bookkeeping activities. Mrs. Amy Dean (amydean@ISCP.com) has been hired to assist in editing and producing the Society newsletter. Mrs. Dean’s assistance is expected to allow our current Editor-in-Chief, Amanda Bordelon, to expand the news-gathering network and increase the newsletter frequency to monthly distribution in the near future. Additionally, Mrs. Dean has designed this new ISCP Newsletter format.

New and Continuing Chairs have been named for each of ISCP’s seven Standing Committees:

- Activities: Jose Balbo (BRAZIL)
- Communications: Neeraj Buch (USA)
- Editorial: Anna-Carin Brink (SOUTH AFRICA)
  Bryan Perrie (SOUTH AFRICA)
- International Conference: Tim Smith (CANADA)
- Membership: Jamshid Armaghani (USA)
  Juan Pablo Covarrublas (CHILE)
- Nominations: Dan Zollinger (USA)
- Technology Transfer: Jake Hiller (USA)

In addition, a new Technical Committee on Concrete Pavement Sustainability Issues has been formed with Leif Wathne (USA) as the chair. Members of this committee participated in the recent Pavement Life Cycle Assessment Workshop at the University of California – Davis, as described later in this newsletter.

Each committee will soon have its own webpage on the ISCP website. Information to be included on these pages will be: lists of committee members (with appropriate contact information), committee mission and goal statements, descriptions of current and future activities, and other information.

Most of the committee chairs (all except Communications and International Conference) are looking for additional members to play active roles in defining and executing the committee missions, so please consider serving as a member of (or “friend” to) one or more committees! Potential volunteers can contact the committee chairs directly by e-mail at [insert committee name}@concretepavements.org.

Thank you, in advance, for your continued membership in and support of the International Society for Concrete Pavements. With your help and participation, we will continue to grow to better serve the needs of the concrete pavement engineering community.

Respectfully,
Mark B. Snyder, ISCP President
WHAT’S NEW AT ISCP:

Call for Honorary Member Nominations

The Society is seeking nominations for Honorary Membership for consideration by the Board of Directors. 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 above) at any time by any ISCP member in good standing. The deadline for nominations for induction in 2011 is September 1, 2010, 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 the October 12, 2010 Seville, Spain board meeting. Honorary members are generally inducted at the next annual membership meeting of the ISCP. Please go to http://www.concretepavements.org/contact.htm for the standing/technical committee email addresses.

ISCP Welcomes New Member Transports Québec

ISCP welcomes Transports Québec (ministère des Transports du Québec [MTQ] in Canada) as its newest organizational member! MTQ staff (particularly new ISCP individual members Guy Tremblay and Denis Thébeau) have been working closely with the ISCP International Conference Co-Chair Tim Smith on selecting a venue for the 10th International Conference in Québec City and will continue to play major partnering roles in the planning and hosting of the Conference. Mr. Tremblay is a member of the Conference Steering Committee.

ISCP thanks the Ministry for its membership and looks forward to continued partnering with the MTQ on the 2012 Conference.

CONFERENCE NEWS

10th International Conference on Concrete Pavements Update

ISCP’s 10th International Conference on Concrete Pavements will be held in Québec City, Québec, Canada from July 8-12, 2012. With the popular conference hotel, the Fairmont Le Château Frontenac, reservations are expected to go quickly. Any ISCP members interested in attending the conference are encouraged to reserve their rooms as soon as possible for the discounted conference rates.

A system has been set up for making reservations at the Fairmont Le Chateau Frontenac in Québec City, Québec, Canada. The group reservation system, known as Passkey, has been established and reservations can be completed as follows:

1) The link for the Government employees to make their reservations at the Chateau Frontenac is shown below. Please note that only Government employees can receive the CDN $159 / night (plus taxes) rate and Government ID will be required for presentation at check-in time. There is a limit of 50 Government reservations available for the conference at this very low rate, so make your reservations as soon as possible. The Government Rate is available only for the dates July 7-11, 2012 inclusive.

https://resweb.passkey.com/go/10intconference
2) The link for the non-government conference reservations at the Chateau Frontenac is shown below. The conference hotel rate is CDN$219 / night (plus taxes). There are a limited number of rooms reserved at the conference rate so book early to stay at this great hotel in the heart of old Québec City.

https://resweb.passkey.com/go/cac2012

3) Reservations can also be made by calling the Chateau Frontenac Global Reservations Center at 1-800-441-1414, and identify yourself as being with part of the conference by mentioning the following reservations ID: ICCP0712 for Government employees & CACA09 for all others.

If you are a member or register to become a member of the 'Fairmont President’s Club’ prior to the start of the conference, you will receive free high speed internet during your stay.

Tim Smith, the Conference Co-Chair, is looking forward to seeing everyone at the conference and invites everyone to come and experience Canada’s friendly hospitality!

Abstracts Due for China Pavement Conference

Letters of intent or abstracts are due on July 1, 2010 for the International Conference on Concrete Pavement Design, Construction and Rehabilitation, which will be held on April 18-20, 2011 in Xi’an, China. This conference is being organized by Chang’an University of Technology with the collaborative assistance of the ISCP.

Papers and presentations are being solicited for a wide range of topics relating to concrete pavement innovations, including structural design, behavior, materials, surface characterization, concrete overlays, long-term performance, pavement life cycle cost analysis, life cycle assessment, and technology for tunnel construction, bridges and concrete recycling. All submitted papers should be prepared in English, which is the official language of the conference.

Xi’an is the capital of ShaanXi province and is one of the four great ancient capitals of China. It is renowned as the eastern terminus of the Silk Road and as the location of the Terra Cotta Army from the Qin Dynasty. It is now an important cultural, industrial and educational center in China, with facilities for research and development, national security and China’s space exploration programs.

Don’t miss this opportunity to participate in an international conference and to explore China’s culture and history. Additional information about the conference can be found at: http://www.concretepavements.org/China_2011_cfp.pdf.
The Kuwait Cement and Concrete Conference and Exhibition will be held on **June 8 & 9, 2010** at the Radisson Blu (formerly SAS) Hotel in Kuwait. The two-day conference aims to present societal and sustainability concerns related to cementitious materials and construction of concrete on a local and world-wide basis. The event is designed for academics and industrialists, researchers and practitioners, engineers and scientists. It will contain presentations, seminars and workshops along with a selection of keynote addresses and technical papers. The theme of the conference is “Towards Sustainable Cement and Concrete Industry”. The scientific committee invites authors to submit papers related to the theme of particular interest in the following areas:

- Sustainable low carbon concrete
- Supplementary cementitious materials
- Recycling of building materials
- Sustainability codes and specifications
- Sustainability in hot weather
- Sustainable building materials
- Sustainable concrete design and practices
- Repair and rehabilitation of structures
- Durability and life cycle design

The official language of the conference will be English. The conference committee is also looking for sponsors or exhibitors. For more information about the Kuwait Cement and Concrete Conference, please visit the conference website at: [http://www.kccce.com](http://www.kccce.com)

The International Conference on Sustainable Concrete Pavements: Practices, Challenges, and Directions will be held this **September 15-17, 2010** in Sacramento, California, USA. The conference is organized by the US Federal Highway Administration (FHWA) and the US National Concrete Pavement Technology Center.

To see a list of papers and poster presentations or for details about registration, please visit the conference website at: [http://www.fhwa.dot.gov/pavement/concrete/2010acptpconf.cfm](http://www.fhwa.dot.gov/pavement/concrete/2010acptpconf.cfm)

The Pavement Evaluation Conference will be held **October 25-27, 2010** at the Hotel Roanoke and Conference Center in Roanoke, Virginia, USA. This conference will combine discussions and presentations from various non-destructive pavement evaluation disciplines. The topics for the conference include:

- Texture and Friction Measurement
- Tire-Pavement Noise
- Video Distress Rating
- Road Profiling
- Ground Penetrating Radar (GPR)
- Structural Testing

The conference welcomes representatives from government transportation agencies, academia and private industry. It will benefit end-users, operators, researchers, construction and design engineers,
International Conference to be held in Doha, Qatar

The fast growing middle eastern metropolis of Doha, Qatar is the location for the International Conference on Future Concrete November 1-3, 2010. This conference provides an opportunity for international experts and regional construction companies to share recent advances in concrete technology, innovative construction materials and practices, serviceability and sustainability, and more. The event will be sponsored by: Advanced Construction Technology Services (ACTS), American Concrete Institute (ACI), American Society for Testing and Materials (ASTM) and the US National Ready Mixed Concrete Association (NRMCA).

For further information about the conference, please visit the conference website at http://www.actsconferences.com/

Transportation & Development Institute holds its First Congress

The Transportation & Development Institute (T&DI) will be holding its first congress event on March 13-16, 2011 in Chicago, Illinois, USA. This conference is designed to bring together transportation and development researchers, engineers, planners, designers, project managers, construction managers and contractors from around the world. The 1st Congress will have five main technical session tracks:

- Transportation Operations & Safety Pavements
- Transportation Materials Advanced Technologies
- Infrastructure Systems
- Airport Planning & Design
- Smart Development & Sustainability

The Pavements and Transportation Materials will highlight: highway, airfield and off-highway flexible and rigid pavement materials, design, construction, rapid rehabilitation, analysis/modeling, laboratory and field-testing, performance, sustainability considerations and case histories. The Congress will feature plenary and technical breakout sessions, a technical tour to a significant project in the Chicago area, pre-conference workshops, and more.

Please visit the website for more details and further information: www.tdi-congress.org
The International Seminar "Tecnologia e Innovacion en Pavimentos de Concreto" was held in Lima, Peru on March 29th. The Peru Chapter of the American Concrete Institute was very involved with hosting the event and even provided television coverage. The seminar was highly attended with a total of 110 participants. The following commercial sponsors also participated: TCPavements, Dynatest, AplicaPerú (industrial floors), Cemex, Tecnodiam (saw blades), Barchip, Mixercon (premix concrete), Sika, Revista el Constructivo (trade magazine), Revista Gasto (trade magazine).

The seminar was also a big success in the sense that road authorities from Peru, from several divisions (road lab, pavement management, tollways, and the ministry of transportation) had the chance to interact and discuss concrete pavements with local contractors, local academics, and with the Chilean Road Laboratory.

The U.S.-based National Ready Mixed Concrete Association (NRMCA) and the School of Sustainable Engineering and the Built Environment at Arizona State University (ASU) hosted the 2010 Concrete Sustainability Conference April 13-15 in Tempe, AZ, USA. Over 220 people attended the conference to learn the latest development in design, specifying, manufacturing, testing, construction, maintenance and research of concrete as it relates to sustainable development. The fifth annual conference featured over 50 expert speakers from around the world who presented the latest advances, technical knowledge, continuing research and solutions for sustainable concrete manufacturing and construction. Key topics included:

- Low Impact Development
- Urban Heat Island Reduction
- Carbon Footprint and Embodied Energy
- Life Cycle Assessment
- Recycled Materials
- Green Concrete

Examples of topics presented during the technical sessions included Measuring Stormwater Quality Improvement through Pervious Concrete Paving, Recycling Carbon Dioxide into Concrete and The Influence of City Street Pavement Type on Fuel Consumption and Emissions.

Several prominent keynote speakers presented during the opening and closing general sessions including Wayne Trusty (President of Athena Institute), who presented on How life cycle assessment can measure environmental performance; and Dr. Franz-Josef Ulm (Civil Engineering Professor at the Massachusetts Institute of Technology (MIT)), who presented work being done at the MIT Concrete Sustainability Hub to improve the efficiency of cement and concrete through nanotechnology.

As a result of the conference’s success, NRMCA is planning two additional conferences on the same topics over the next 16 months:

- The 2010 International Concrete Sustainability Conference is scheduled for December 12-14, 2010, in Dubai, United Arab Emirates and will be co-hosted by Grey Matters, a consulting company based in Dubai.
- The 2011 International Concrete Sustainability Conference is scheduled for August 9-11, 2011, in Boston, Massachusetts, USA and will be co-hosted by the Massachusetts Institute of Technology.

For more details on the International Concrete Sustainability Conference, visit www.SustainabilityConf.org or contact Lionel Lemay, L Lemay@nrmca.org, 847-918-7101.
UCPRC Hosts International Workshop on Pavement Life Cycle Assessment

The University of California Pavement Research Center (UCPRC, an ISCP Organizational Member) hosted an International Workshop on Pavement Life Cycle Assessment (LCA) on the University of California – Davis campus on May 5-7, 2010. The event was co-hosted by the California Department of Transportation (Caltrans) and the Institute of Transportation Studies at UC-Berkeley and UC-Davis. ISCP and the International Society for Asphalt Pavements (ISAP) were collaborators for the event.

More than 40 invited LCA and sustainability experts from around the world (including Mark Snyder and Tom Van Dam of ISCP) participated in the 2.5-day event, which examined a proposed framework for pavement LCA. Participants discussed proposed system boundaries and assumptions, identified knowledge gaps and potential areas of disagreement, and provided recommendations to the UC research team for improving the proposed framework and general LCA study practices.

The UCPRC project team intends to use the workshop results to improve the proposed LCA framework by several means, including the refinement of system boundaries and assumptions and by providing more transparency in the documentation of how pavement LCA studies should be performed. Final project documents will be posted for comment and critique by the pavement engineering and LCA communities (including through ISCP and ISAP).

The focus of the proposed framework and documentation was for LCA studies that will be performed in California and then northern Europe, in part of the Miriam project, but it is expected that the workshop results will ultimately be useful in the development and refinement of guidance documents for pavement LCAs performed in any region.

Questions concerning this study and workshop can be directed to: Dr. John Harvey at jtharvey@ucdavis.edu.

INDUSTRY NEWS

Two ISCP Members Named as ACI Fellows

The International Society of Concrete Pavements congratulates our members Juan Pablo Covarrubias and Thomas Van Dam who were named as American Concrete Institute (ACI) Fellows at the March, 2010 Spring Convention in Chicago. An ACI Fellow is named for their outstanding contributions to the production or use of concrete materials, products, and structures in the areas of education, research, development, design, construction, or management. In addition, Fellows have contributed significantly to ACI through committees and/or local chapters.

Juan Pablo Covarrubias is a partner of Litoral Ingenieria and TCPavements in Chile. He was a member of the ACI Board of Directors from 2002 to 2005, has been a member in 14 committees at ACI, and has authored or co-authored more than 20 technical papers and reports. Covarrubias received his MS and PhD from the University of Birmingham (1977 and 1987) and BS from the Catholic University of Chile (1975).

Thomas John Van Dam is a program director at Applied Pavement Technology in Urbana, IL. He has over 25 years of engineering experience in pavement design, evaluation and rehabilitation, and materials assessment. He is a member of 5 ACI committees and the Chair of ACI Subcommittee 201-C and Co-chair at ACI Subcommittee 130-A. He received the ACI Wason Medal for Materials research and has published more than 70 technical articles and reports on pavements and construction materials. Van Dam received his BS, MS and PhD in Civil Engineering from the University of Illinois at Urbana Champaign, IL in 1984, 1986 and 1995, respectively.

For more information on ACI Fellows, please visit http://www.concrete.org/MEMBERS/mem_info_fellows.htm
UPCOMING EVENTS

**MAY 2010**

7th International Conference on Fracture Mechanics of Concrete and Concrete Structures
May 23-28, 2010 on Jeju Island, South Korea
http://www.framcos7.org/

**JUNE 2010**

GeoShanghai 2010
June 3-5, 2010 in Shanghai, China

Kuwait Cement and Concrete Conference and Exhibition
June 8-9, 2010 in Kuwait City, Kuwait
http://www.kccce.com

Sustainable Construction Materials & Technologies
June 28-30, 2010 in Ancona, Italy
http://www.uwm.edu/Dept/CBU/ancona.html

**AUGUST 2010**

2nd International Conference on Transport Infrastructures
August 4-6, 2010 in São Paulo, Brazil
http://www.civil.uminho.pt/icti2010/

**SEPTEMBER 2010**

International Conference on Sustainable Concrete Pavements: Practices, Challenges, and Directions
September 15–17, 2010 in Sacramento, California, USA

Symposium on Mineral Aggregates in Transportation
September 22-24, 2010, in Charleston, South Carolina, USA
during the Annual Meeting of the Association of Environmental and Engineering Geologists
http://www.aegweb.org/i4a/pages/index.cfm?pageID=4565

Maintenance Superintendents Associations (MSA) Conference 2010
October 3-9, 2010 in Temecula, California, USA
http://www.gomsa.net/

8th Malaysian Road Conference
October 10-13, 2010 in Kuala Lumpur, Malaysia
http://www.mrc.org.my/

**OCTOBER 2010**

7th International DUT Workshop on the Design and Performance of Sustainable and Durable Concrete Pavements
October 10-11, 2010, Carmona, Spain
http://www.citq.tudelft.nl/live/pagina.jsp?id=46c8bc2d-df2b-44c7-8cda-fc456c6c9648&lang=en

ISCP Board Meeting
October 12, 2010, 9 a to 7 p, in Seville, Spain
The Hotel Barcelo´ Renacimiento, Andalucia Room #5
(the conference hotel for the EUPAVE 11th Symposium)
http://www.concretepavements.org

ISCP Board Meeting
October 12, 2010, 9 a to 7 p, in Seville, Spain
The Hotel Barcelo´ Renacimiento, Andalucia Room #5
(the conference hotel for the EUPAVE 11th Symposium)
http://www.concretepavements.org

Pavement Evaluation 2010 Conference
October 13-15, 2010 in Seville, Spain
http://www.2010concreteroads.org/

**NOVEMBER 2010**

International Conference on Future Concrete in Qatar
November 1-3, 2010 in Doha, Qatrar
http://www.actsconferences.com/

T&D Green Streets and Highways Conference
November 14-17, 2010 in Denver, Colorado, USA
http://content.asce.org/conferences/greenstreets-highways2010/index.html

**DECEMBER 2010**

7th Russian Scientific and Technical Conference: Polytransport Systems
November 25-27, 2010 in Krasnoyarsk, Russia

2010 International Concrete Sustainability Conference
December 12-14, 2010, in Dubai, United Arab Emirates.
Co-hosted by Grey Matters, a consulting company based in Dubai.
www.SustainabilityConf.org

**JANUARY 2011**

ISCP Board and Membership Meeting
January 22, 2011 in Washington, DC, USA
http://concretepavements.org
90th Transportation Research Board Annual Meeting
January 23-27, 2011 in Washington DC, USA
http://www.trb.org

International Symposium on Testing and Specification of Recycled Materials for Sustainable Geotechnical Construction
February 2-4, 2011 in Baltimore, Maryland, USA
http://www.astm.org/d18symp0211.htm

Transportation & Development Institute Congress
www.tdi-congress.org

International Conference on Concrete Pavement Design, Construction, and Rehabilitation
April 18-20, 2011 in Xi’an, Shaanxi Province, P.R. China

10th International Conference on Low-Volume Roads
July 24-27, 2011 in Lake Buena Vista, Florida, USA
http://www.trb.org/conferences/2011/10LVR

2011 International Concrete Sustainability Conference
August 9-11, 2011, in Boston, Massachusetts, USA.
Co-hosted by the Massachusetts Institute of Technology.
http://www.sustainabilityconf.org/

24th World Road Congress
September 25-30, 2011 in Mexico City, Mexico

8th International Conference on Managing Pavement Assets
November 15-19, 2011 in Santiago, Chile
http://www.icmpa2011.cl/

7th RILEM Conference on Cracking in Pavements
June 20-22, 2012 in Delft, the Netherlands
http://www.rilem2012.org

10th International Conference on Concrete Pavements
Organized by ISCP
July 8 -12, 2012 in Quebec City, Canada
http://www.concretepavements.org/

4th International Conference on Accelerated Pavement Testing (APT 2012)
September 2012 in Davis, California, USA
http://ucprc.ucdavis.edu/APT2012

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: Amy M. Dean, Assistant Editors: Dr. Jake Hiller, Dr. Cristian Gaedicke, Nancy Whiting, Robert Rodden, and Corey Zollinger. Suggestions for future newsletters are welcomed at newsletter@concretepavements.org.