



International Society for Concrete Pavements

ISCP e-Newsletter
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MENU

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CORPORATE MEMBERS



What's New at ISCP

ISCP Board Meeting at TRB

The annual combined membership and board of directors meeting was held on January 20 at the Marriott Hotel in Washington, DC, USA. Nearly 50 members of the Society were present. Highlights of the meeting include:

- A discussion of the need for newsletter article submissions from ISCP members. These can be research news, industry news, thesis abstracts, event announcements, etc. All submittals should be sent electronically to: newsletter@concretepavements.org

- Volunteers are needed to provide translations of the newsletter and website into languages other than English.

- A budget and plans were presented (and approved) for the August 2007 ISCP Strategic Planning Meeting and Conference to be held in Johannesburg, South Africa.

- Plans were presented for a pre-conference workshop on Fundamental Modeling of Concrete Pavements, to be held in advance of the 9th International Conference.

- New honorary members Hermann Sommer (Austria) and Shiraz Tayabji (US) were inducted.

- The Society operating budget for 2007 was reviewed and approved.

More details on these highlights and other meeting details are available in the meeting minutes, which are posted on the ISCP website at www.concretepavements.org.

After the meeting, Juan Pablo Covarrubias led a brief roundtable discussion of concrete pavement curling and warping issues. An optional group dinner was held later at a local restaurant.



President Dan Zollinger presents Shiraz Tayabji his Honorary Membership plaque



Honorary members Mike Darter and Hermann Sommer after the meeting

9th International Conference, Call for Papers Announced



The Announcement and Call for Papers for the 9th International Conference on Concrete Pavements is now available! The theme of the Conference, which will be held at in San Francisco, California, USA on August 10-14, 2008, is "The Golden Gate to Tomorrow's Concrete Pavements." Abstracts or "letters of intent" are due by September 4, 2007, with complete papers due for review by February 1, 2008.

The 9th Conference is expected to attract more than 500 attendees. Current plans call for as many as 70 paper presentations, several technical workshops, an exhibition hall, and a student posterboard competition. Registration packets will be mailed to all ISCP members and previous Conference attendees in early May.

A pdf version of the Announcement/Call for Papers is available on the ISCP website at http://www.concretepavements.org/CFCS_CallforPapers.pdf. For more information, contact Kathleen Hall (Conference Chair) at kthall64@comcast.net.

Support for 9th Conference is International!

The following organizations have agreed to co-sponsor ISCP's upcoming 9th Conference:

- [U.S. Federal Highway Administration](#)
- [American Concrete Pavement Association](#)
- [ACPA-Southwest](#)
- [CALTRANS](#)
- [Cement Association of Canada](#)
- [Cement & Concrete Institute \(South Africa\)](#)
- [Concrete Reinforcing Steel Institute \(CRSI\)](#)
- [FEBELCEM \(Belgium\)](#)
- [Holcim \(US\)](#)
- [Portland Cement Association](#)
- [Transportation Research Board](#)
- [University of California Pavement Research Center.](#)

ISCP thanks these co-sponsors for their support!

(Additional co-sponsorship opportunities are available; representatives of interested organizations should contact ISCP Secretary-Treasurer Mark Snyder at mbsnyder@concretepavements.org.)

ISCP Website Viewed from 92 different countries!

ISCP's [website](#) usage is monitored by Globat.com. A review of their statistics for 2006 reveals that the website is becoming a valuable resource for concrete pavement technology information for users from around the world!

For example, in 2006, an average of 845 viewers per month visited the ISCP website and viewed a total of more than 80,000 pages. The top 5 ISCP pages viewed in 2006 were: International Journal of Concrete Pavements, the 8th Conference Fracture Workshop Proceedings, the 8th International Conference homepage, the Membership page, and the ISCP homepage.

The international appeal of the organization is reflected by the following statistic: the website was visited by viewers from 92 different countries in 2006. The top 10 countries (based on numbers of pages viewed on the website) in 2006 were: United States, Australia, Canada, United Kingdom, Czech Republic, Brazil, Italy, Germany, India, and Portugal. Recent interest in translation of the ISCP e-newsletters led to an interest in the languages of those who view the website. The top 3 languages of viewers are: English, Portuguese and Spanish.

Honorary Member Profile: Paul Teng

Paul Teng was born in Hubei, China in 1939, the son of a military officer and the eldest of seven children. He spent his early childhood in war-torn China, until his family moved to Taiwan in the mid-1940s. He was educated in Taiwan, where he received a Bachelor of Science degree in civil engineering from Taiwan Chun Yuan University in 1962. He joined the Corps of Engineers ROTC program in Taiwan, and was an assistant project engineer for a missile site in Taipei in 1963 and 1964. He came to the United States in 1964 and received his Master's degree in civil engineering from the University of Mississippi in 1966 and a Master's degree in business administration from Mississippi College in 1978.



Mr. Teng joined the Mississippi State Highway Department in 1966, and held a range of engineering and research positions with the Department between 1966 and 1981. He conducted many field experiments with soil cement stabilization, and was responsible for a research and evaluation program on Continuously Reinforced Concrete Pavement (CRCP) that laid the groundwork for improving the design and construction of CRCP, and also established guidelines for the maintenance and rehabilitation of CRCP. In 1976, he worked with the late Bengt Friberg on the design and construction of a large prestressed concrete pavement research project for the Mississippi State Highway Department.

In 1981, Paul joined the FHWA as Federal Program Manager for the Office of Research, where he directed research programs in pavement design and rehabilitation. In 1983, he was transferred to the Office of Highway Operations' Construction and Maintenance Division. He developed the concept of FHWA's Pavement Design and Rehabilitation Review Team and visited almost all of the 50 U.S. state highway agencies at least once during 1984 and 1985. He and his team walked and evaluated many miles of highways in each of the reviewed States. This highly successful effort resulted in the development of sound technical recommendations that helped the FHWA field offices and the States in evaluating and designing pavement rehabilitation projects in difficult and unusual situations.

In 1986, Mr. Teng was promoted to the position of Chief of the Pavement Design and Rehabilitation Branch in the Office of Engineering. Under his leadership, FHWA published the much acclaimed Pavement Rehabilitation Manual and Pavement Notebook for FHWA Engineers. In 1991, he established the Long-Term Pavement Performance Division in the Office of Research, Development and Technology, and he was responsible for the transition of the Strategic Highway Research Program activities from the National Research Council to the FHWA in 1992.

Paul became the Chief of the FHWA's Pavement Division in 1994, where he was responsible for providing direction and leadership in the development of national policy, standards and guides for the structural design and rehabilitation of roadway pavements and pavement management practices.

Mr. Teng was appointed Director of FHWA's Office of Infrastructure Research and Development in March 1999, where he directed a multi-level R&D staff that was responsible for the improvement of highway infrastructure-related technology. He also represented FHWA in many international professional activities, including: the World Road Association's (PIARC) Pavement Committees; European Union's highway R&D projects; Organization for Economic Cooperation and Development's (OECD) Road Transport and Intermodal research; and active participation in all international pavement related technical activities.

Paul retired from the FHWA in May 2005, but still maintains an active interest in pavement design, performance, construction and research activities. He and his wife Rita live in Great Falls, Virginia. They have two grown children, and remain very active in the communities where they live.

In recognition of his accomplishments and contributions to the concrete paving profession, Mr. Teng was inducted into the International Society for Concrete Pavements as an Honorary Member on September 9, 2001. ISCP is proud to have Paul as an Honorary Member!

Industry Notes

Last Call for Papers – IBRACON Workshop on Best Practices

The Brazilian Concrete Institute (IBRACON) and ISCP are co-sponsoring an International Workshop on Best Practices for Concrete Pavements on October 21-23, 2007, in Recife, Brazil.

The organizers have received 36 abstracts from authors across the world. In addition to presentations by authors, this workshop will be highlighted by six presentations (around 90 minutes each) from international experts concerning the best practices around the world for the design, specifications, structural analysis, construction issues, maintenance and performance of concrete pavements. **Final papers for this workshop are due by Monday, March 5, 2007.**

Workshop registration will begin in March 2007. Publication of individual papers will require advance registration by at least one of the authors. To find more information on the Workshop online, please visit the official website at:

<http://ibracon1.locaweb.com.br/eventos/pavement.workshop/informacoes.asp>

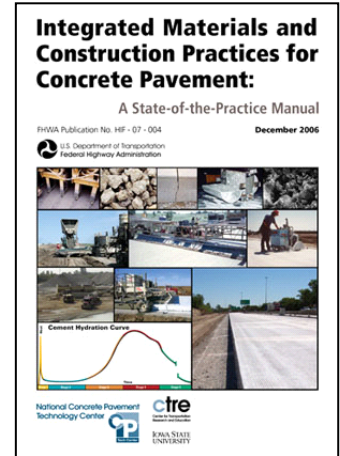
State-of-Practice Manual Published for Concrete Pavements

Culminating a multi-year, FHWA-sponsored research project, the National Concrete Pavement Technology Center (CP Tech Center, an ISCP Corporate Member) at Iowa State University has recently published *Integrated Materials and Construction Practices for Concrete Pavement: A State-of-the Practice Manual*. The one-of-a-kind manual provides information that will help project and field engineers, mix designers, technicians, material experts, construction supervisors, and foremen optimize the performance of the concrete--the slab itself--in a pavement system.

Seventeen concrete materials and construction experts from across the United States co-authored the manual. The manual was carefully reviewed by a technical committee of 31 researchers and practitioners, making it one of the most thoroughly vetted manuals ever published for the concrete paving community.

A limited number of copies can be obtained for free through state concrete paving association chapters and through the American Concrete Pavement Association. More information can be found at:

<http://www.cptechcenter.org/publications/imcp/index.cfm>



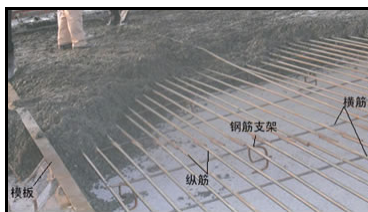
CRCP for a section of the Zhang-Shi Freeway in China

China plans to expand its national expressway network by more than 50 percent by the year 2010 using both concrete and asphalt pavements. One goal of the Chinese government is for this expressway network to reach all 31 provinces -- from the Himalayas of Tibet in the southwest to the Gobi Desert in the north. Achieving this goal will require the addition of thousands of kilometers or miles of highway.

In just four years (from 2001 to 2005), the Chinese expressway network grew by 24,700 km (15,350 miles), more than doubling the total length of the network to more than 41,000 km (25,500) miles. By comparison, the United States has approximately 74,000 km (46,000 miles) of interstate highways; China's network is expected to surpass this number by 2020.



CRCP with asphalt wearing coarse on Chang-Tan Freeway in Hunan Province in China



Construction of CRCP in China

A new Continuously Reinforced Concrete Pavement (CRCP) with Asphalt Concrete (AC) wearing course will constitute one section of the Zhang-Shi Freeway, which begins at the city of Zhangjiakou, and ends at the city of Shijiazhuang in the Hebei Province. This 43-km (26.7-mile) CRCP+AC section is intended to be a model pavement section, so extreme attention is being paid to its quality.

Approximately 25 percent of Chinese expressways are paved using (Portland) cement concrete. The design and construction of the CRCP+AC structure, which is providing good results in other parts of the world, is gaining considerable attention in China.

Contributed by Prof. Yang Jun, Southeast University (yangjun@seu.edu.cn).

Other source: http://www.usatoday.com/news/world/2006-01-29-china-roads_x.htm

Upcoming Events

2007 FAA Worldwide Airport Technology Transfer Conference and Exposition

April 15-18, 2007 in Atlantic City, New Jersey, USA

<http://www.airporttech.tc.faa.gov/naptf/att07/>

National Conference on Pavement Management

May 6-9, 2007, Norfolk, Virginia, USA

<http://www.fhwa.dot.gov/pavement/management/2007pmconf.cfm>

18th ASCE Engineering Mechanics Division Conference: Symposium of Pavement Mechanics and Materials

June 3-6, 2007 in Blacksburg, Virginia, USA

<http://www.cpe.vt.edu/emd2007/index.html>

<http://www.cee.mtu.edu/~zyou/EM2007-Pavement.pdf>

Fifth International Conference on Concrete under Severe Conditions: Environment and Loading

June 4-6, 2007 in Tours, France

<http://www.consec07.fr/>



Advanced Characterization of Pavement and Soil Engineering Materials

June 20-22, 2007 in Athens, Greece

<http://www.3dfem.org>

Fifth International Conference on Maintenance and Rehabilitation of Pavements and Technological Control

August 8-10, 2007 in Park City, Utah, USA

<http://www.mairepav5.org>

XXIIIrd World Road Congress

September 17-21, 2007 in Paris, France

<http://www.paris2007-route.fr/index.php?lang=en>

First International Conference on Recent Advances in Concrete Technology

September 19-21, 2007 in Washington, D.C., USA

<http://www.cipremier.com>



International Workshop on Best Practices for Concrete Pavements

October 21-23, 2007 in Recife, Pernambuco, Brazil

<http://www.ibracon.org.br/pavement.workshop>

International Conference on Optimizing Paving Concrete Mixtures and Accelerated Concrete Pavement Construction and Rehabilitation

November 7-9, 2007 in Atlanta, Georgia, USA

<http://www.fhwa.dot.gov/pavement/concrete/2007cftpconf.cfm>

87th Annual Meeting of the Transportation Research Board

January 13-17, 2008 in Washington, DC, USA

<http://trb.org/meeting/>

First International Symposium on Transportation and Development Innovative Practices

April 24-26, 2008 in Beijing, China

<http://www.jttx.net.cn/tdibp>

6th RILEM International Conference on Pavement Cracking

June 9-11, 2008 in Chicago, Illinois, USA

<http://www.ict.uiuc.edu/RILEM>

6th International Conference on Road and Airfield Pavement Technology

July 20-23, 2008 in Sapporo, Japan

<http://www.jsce.or.jp/committee/pavement/icpt2008.html>



9th International Conference on Concrete Pavements

Organized by ISCP

August 9-14, 2008 in San Francisco, California, USA

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

3rd International Conference on Accelerated Pavement Testing

October 1-3, 2008 in Madrid, Spain

<http://www.cedex.es/apt2008/>



10th International Conference on Concrete Pavements

Organized by ISCP

Tentatively scheduled for August 2012 in Montreal, Quebec, Canada

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

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

The ISCP Newsletter is maintained by Editor-in-Chief, Dr. Erwin Kohler, Associate Editor, Jake Hiller, and Assistant Editor, Amanda Bordelon. Suggestions for future e-newsletters are welcomed at newsletter@concretepavements.org.

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