



# International Society for Concrete Pavements

ISCP e-Newsletter  
Vol. 5, No. 3

June 2008

## MENU

What's New at ISCP

Corporate Profiles: CMC and Dynatest

Industry Notes

Research News

Honorary Member Profile: Bill Dearasaugh, Jr.

Upcoming Events

## CORPORATE MEMBERS



## What's New at ISCP

### The 9<sup>th</sup> International Conference is Approaching!

Register online NOW for the 9th International Conference on Concrete Pavements in San Francisco, California, August 17-21, 2008 at:

<http://www.concretepavements.org/9thiccp/registration.html>

More than 20 technical sessions are scheduled, featuring more than 80 papers on almost every major concrete pavement-related topic under the sun, presented by many of the foremost experts in concrete pavement technology from around the world! Check out the preliminary conference program online at:

[http://www.concretepavements.org/9thiccp/Event%20program\\_web.pdf](http://www.concretepavements.org/9thiccp/Event%20program_web.pdf)



And, as if that isn't enough, there will also be nine different workshops on topics including Sustainability in Concrete Pavement Technology, 100-year Concrete Pavements, Precast Concrete Paving and many more! Throw in a poster board competition presenting cutting edge research-in-progress by graduate students from leading universities, and you have an event that you can't afford to miss! Come early... Stay late... See and experience San Francisco at its best!

### Updates on ISCP Workshop in Berkeley, CA

The registration process is almost completed for the 2<sup>nd</sup> Workshop on Advanced Characterization, Modeling, and Design of Concrete Pavements on August, 13-16<sup>th</sup>, 2008 in Berkeley, CA. More than twenty concrete pavement experts have already registered and few spots are still available. If you decide to attend please register at:

[https://nevis.globat.com/~concretepavements.org/workshop\\_registration.htm](https://nevis.globat.com/~concretepavements.org/workshop_registration.htm)

The workshop hotel is at the Berkeley Marina and reservations can be made at: [www.berkeleymarina.doubletree.com](http://www.berkeleymarina.doubletree.com). A negotiated rate of USD\$149/night (includes internet connection) is available until July 23, 2008. The workshop activities include a wine tour to the Sonoma Valley on Saturday August 16th.

Final abstracts for workshop presentations should be sent to chairmen [Jeff Roesler](#) or [Lev Khazanovich](#) before July 15, 2008. Please confirm your plans to attend the workshop with the workshop chairmen to reserve your place.

For more information please visit <http://www.concretepavements.org/2ndworkshop/>

### B.F. McCullough Award Student Poster Competitors Receive Conference Fee Waivers

Twenty students from 10 different universities in USA, Canada and China will compete for the B. F. McCullough Award for the Best Poster Presentation at the 9th International Conference for Concrete Pavements held August 17 - 21, 2008 in San Francisco, California, USA. Qualifying student authors are eligible for a conference fee waiver (sponsored by the U.S. Federal Highway Administration).



Elin Jensen, the Chair of the Poster Committee, invites conference attendees to stop by the posters to discuss the work with the student authors and congratulate them on their achievements and contribution to the concrete pavement industry.

## Call for Nominations of Honorary Members

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 his/her career.

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](http://www.concretepavements.org/honorary_members.htm)

Nominations for honorary membership may be submitted to the ISCP Secretary [mbsnyder@concretepavements.org](mailto:mbsnyder@concretepavements.org) using the standard nomination form at any time by any ISCP member in good standing. On June 30 of each year, the ISCP secretary prepares copies of all active nominations and distributes them to the ISCP Board of Directors for consideration at their mid-year meeting. Honorary members will be 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>

## Come Check out the New ISCP Website!

ISCP has recently revamped our website (<http://www.concretepavements.org>) to provide a cleaner look and easier access to our more popular online features such as the following:

- 9th International Conference on Concrete Pavements
- Second Workshop on Advanced Characterization, Modeling, and Design of Concrete Pavements
- Updated international event calendar
- Archived versions of the e-Newsletter
- Online registration and membership renewals
- And much more!!!

Come to see the changes and keep coming back for the most up-to-date information on the Society as we continue to grow. Comments and suggestions on improving the website are welcomed and can be sent to Jake Hiller at [website@concretepavements.org](mailto:website@concretepavements.org).



# Organizational Member Profiles: Commercial Metals Company and Dynatest

ISCP welcomes its two newest organizational members: Commercial Metals Company and Dynatest. For more information on supporting the ISCP mission as an organizational member, please contact ISCP Secretary/Treasurer, Mark Snyder at [mbsnyder@concretepavements.org](mailto:mbsnyder@concretepavements.org) or go to:

[https://nevis.globat.com/~concretepavements.org/Membership/organization\\_registration.htm](https://nevis.globat.com/~concretepavements.org/Membership/organization_registration.htm)

## Commercial Metals Company (CMC)

Since 1915, Commercial Metals Company (CMC) and subsidiaries have manufactured, recycled and marketed steel and metal products, related materials and services through a network including steel minimills, steel fabrication and processing plants, construction-related product warehouses, a copper tube mill, metal recycling facilities and marketing and distribution offices in the United States and in strategic international markets.



For over 50 years, CMC has been a leading supplier of rebar and construction-related products for highway, road and bridge construction across the United States. CMC leads the active promotion of continuously reinforced concrete pavements (CRCP) to engineers and state DOTs. They partner with organizations such as CRSI, ACPA, and ARTBA in a collaborative effort to strengthen and improve American roadway infrastructure.

Learn more about CMC at their website: <http://www.cmc.com/>

## Dynatest

Dynatest was founded by a group of engineers and technicians who combined science, technology and business into the development and manufacturing of highly specialized equipment and a methodology for pavement engineering. The first Dynatest product, the Falling Weight Deflectometer (FWD), has become a product acknowledged for its quality and reliability since it was first introduced more than 30 years ago. In addition to FWDs, Dynatest now offers a wide range of equipment and services for pavement structural and functional evaluations and research, such as pavement friction testers, Road/Runway Surface Profilometers®, Digital Highway Data Vehicles (DHDV) for automated pavement condition surveys, Heavy Vehicle Simulators (HVS), pavement instrumentation sensors, and Pavement Management Systems.

 **Dynatest**® Dynatest is committed to providing access to its technology on a worldwide basis, and as such, has strategically located offices and agencies around the globe. From modest beginnings, Dynatest has developed into a small yet multinational group, with a parent company that has wholly-owned subsidiaries in Denmark, USA and the United Kingdom, plus joint-venture companies and numerous strategic alliances, as well as an established global network of agents and distributors. These entities subscribe to the Dynatest Methodology, thus providing a uniform, consistent worldwide product support network.

## Industry Notes

### TRB Committee AFH50 Holds Mid-year Meeting

The mid-year meeting of TRB Committee AFH50 (Portland Cement Concrete Pavement Construction) was held in Ames, Iowa, USA on June 5th and 6th. After a brief presentation by Paul Wiegand on the friction test sites built on US 30 in 2005 and by Jim Cable on the ultra-thin test sections built on IA 21 in 1994, the group headed out to visit both project sites. After 14 years, many of the ultra-thin test sections on IA 21 (with slab thicknesses varying from 2 inches to 8 inches and varying slab dimensions) are performing in outstanding fashion. Dr. Cable followed up with a review of PCC Thin Overlay Experience in Iowa. There was also an interesting presentation on tire noise and dowel bar retrofit/faulting in California by Erwin Kohler.

The following sessions were proposed for the 2009 Annual TRB Meeting: Design-Build Concrete Pavement Projects: Size Doesn't Matter; Specialty Applications for Concrete Pavements (co-sponsored with TRB Committee AFN40); Concrete Paving Mixture Optimization (co-sponsored with TRB Committee AFN40); and Construction Techniques to Minimize Curling and Warping. The AFH50 committee is also proposing a webinar on Construction of PCCP General Aviation Airports Around the Nation. The committee will be co-

sponsoring a full-day workshop emphasizing research, construction applications, sustainability, and their interaction with the CP Road Map.

The AFH50 committee also notes that two open houses will be held on recent concrete pavement construction projects: in Norfolk, Virginia, USA on July 30 for a CRCP project on I-64 (hosted by the Virginia DOT), and near Abilene, Kansas, USA in September for a 2-lift construction project on I-70 (hosted by the Kansas DOT).

## Research News

### TRB Papers Now Being Accepted

The August 1, 2008 paper submission deadline is quickly approaching for the 88th Annual Transportation Research Board (TRB) Meeting in Washington, D.C., USA (submission for non-PDF format documents is even earlier). The 88<sup>th</sup> Annual TRB Meeting is scheduled for January 11-15, 2009, and with nearly 600 sessions and meetings scheduled and more than 10,500 delegates from more than 75 countries expected there, will be something for everyone. International visitors are encouraged to check current US visa requirements and start planning now.

The spotlight theme for 2009 is Transportation, Energy, and Climate Change. Although all transportation- or pavement-related papers are welcome many workshops and sessions will focus on the spotlight theme. The specific concrete pavement-related calls for papers included:

- [Advances in Recycled and Alternate Concrete Materials](#)
- [Coefficient of Thermal Expansion for Concrete](#)
- [Emerging Concrete Technologies Maintenance and Preservation of Transportation Structures](#)
- [Nanotechnology-based Concrete Materials](#)
- [New Developments in Air Entrainment Technology of Concrete](#)
- [Widening the Vision of Acceptable Materials for Sustainable Concrete](#)

For more information, visit <http://trb.org/>.

### CP Tech Center Investigates Surface Texture

The National Concrete Pavement Technology Center (CP Tech Center) is currently working with the U.S. Federal Highway Administration (FHWA) and seven State DOTs on Part 3 of a three-part program to examine tire-pavement noise on concrete pavement. The initial activity involved the development of a Strategic Plan. For the second part of the project, the CP Tech Center, in conjunction with ACPA and FHWA, initiated data collection on new construction, nearly new construction, and older sections of interest. To date, over 1200 unique test sections have been evaluated by The Transtec Group. Of critical importance is a test section that has been constructed on US Highway 30, just east of LeGrand, Iowa. This was constructed in August of 2005 and was financed by the Iowa Highway Research Board and the Iowa DOT.

The section is over two miles long and includes 18 different textures. Some have burlap or turf pretexture and others don't. The surface texture includes longitudinal and transverse tining at different spacing and depths, as well as drag textures from turf and burlap. One diamond grinding section is also included. Testing was initiated immediately after construction (pre-broom; pre-traffic), just prior to traffic (post-broom), six months after opening, 1.5 years after opening, and 2.5 years after opening.

Tests include On Board Sound Intensity (OBSI) at the tire-pavement interface, texture measurements with the Robo-Tex, wayside noise, in-vehicle noise, and friction measurements with the skid trailer and dynamic friction meter. Results can be found on the CP Tech Center website: [www.cptechcenter.org](http://www.cptechcenter.org).

Other work activities for the project include development of a better practices manual for constructing and texturing concrete pavements. That manual should be available in late summer.

# Honorary Member Profile:

## Bill Dearasaugh, Jr.



Bill Dearasaugh, Jr. was born in Little Rock, Arkansas, and went to the "famous" Central High School, which was integrated a few years after his graduation. He went to Vanderbilt University under a full NROTC scholarship and served three years in the Navy before starting his engineering profession. During the Interstate highway boom he was hired by Howard Needles Tammen and Bergendoff (HNTB) in Kansas City without even an interview and remained there for 18 years. Eventually he was responsible for designing highways all over the nation, and he earned Master's degrees in Civil Engineering from the University of Kansas and Engineering Management from Vanderbilt University. During this time, he also had a position in Iran (just prior to the revolution) where he was responsible for procurement of equipment to construct a major, interstate-type highway from Tehran to the Persian Gulf.

Then came his real opportunity to serve the cement and concrete industry as a paving engineer with the Portland Cement Association, covering Missouri and Kansas. During this time, he was responsible for technical, educational, and promotional activities with regard to concrete, especially for paving highways, airports, streets, and parking lots. While he was in this position, the state of Kansas placed more concrete pavement than any other state.

After 8 years with the PCA, he became a Senior Staff Officer in the NCHRP program, administering approximately 20 pavement-related research projects a year. He also participated in the Scanning Tour of European Concrete Highways in 1992. While at TRB, he was the Engineer of Design in the Technical Activities Division, with staff responsibility for 24 Standing Committees in the General Design, Pavement Management, and Structures Sections.

Bill is now enjoying retirement by playing on two softball teams, golfing often and playing racquetball at least once a week. He has successfully battled and recovered from pancreatic cancer. He has led a full life, much of which has been dedicated to concrete pavements.

ISCP is proud to have Bill Dearasaugh, Jr. as an Honorary Member!

## Upcoming Events

### **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>



### **2nd Workshop on Advanced Characterization, Modeling, and Design of Concrete Pavements**

August 13-15, 2008 in Richmond, California, USA

<http://www.concretepavements.org/2ndworkshop>



### **9th International Conference on Concrete Pavements Organized by ISCP**

August 17-21, 2008 in San Francisco, California, USA

<http://www.concretepavements.org/9thiccp/>

### **8th International Conference on Creep, Shrinkage, and Durability of Concrete and Concrete Structures (CONCREEP 8)**

September 30 - October 2, 2008 in Ise-Shima, Japan

<http://concrete-lab.civil.nagoya-u.ac.jp/concreep8/>

### **3rd International Conference on Accelerated Pavement Testing**

October 1-3, 2008 in Madrid, Spain

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

**ASCE TD&I Pavement Conference**

October 15-18, 2008 in Bellevue, Washington, USA  
<http://content.asce.org/conferences/pavements2008/>

**6th Symposium on Pavement Surface Characteristics (SURF 2008)**

October 20-22, 2008 in Portorož, Slovenia  
<http://www.surf2008.si/>

**ACI Fall Convention**

November 2-6, 2008 in St. Louis, Missouri, USA  
<http://www.aciconvention.org>

**88th Annual Meeting of the Transportation Research Board**

January 11-15, 2009 in Washington, D.C., USA  
<http://trb.org/meeting/2009/default.asp>



**National Conference on Preservation, Repair, and Rehabilitation of Concrete Pavements**

April 22-24, 2009 in St. Louis, Missouri, USA  
<http://www.fhwa.dot.gov/pavement/concrete/2009CPTPconf.cfm>



**International Conference on Concrete Pavement Design, Construction, and Rehabilitation**

May 25-29, 2009 in Xi'an, China  
<http://www.concretepavements.org/>

**Eighth International Conference on the Bearing Capacity of Roads, Railways and Airfields**

June 29 - July 2, 2009 in Champaign, Illinois, USA  
<http://www.BCR2A.org>

**Sixth International Conference on Maintenance and Rehabilitation of Pavements and Technological Control (MAIRE PAV 6)**

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/>



**11th International Symposium on Concrete Roads Organized by EUPAVE**

October 13-15, 2010 in Seville, Spain  
<http://www.eupave.eu>



**10th International Conference on Concrete Pavements Organized by ISCP**

August 2012 in Province of Quebec, Canada  
<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](mailto:newsletter@concretepavements.org).

The ISCP 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 e-newsletters are welcomed at [newsletter@concretepavements.org](mailto:newsletter@concretepavements.org).

<p><b>ISCP President:</b> Dan G. Zollinger, Ph.D, P.E. Texas A&amp;M University CE/TTI Building, Rm 503e College Station, Texas, USA 77843 Phone: 979-845-9918 Fax: 979-845-0278 Email: <a href="mailto:dzollinger@concretepavements.org">dzollinger@concretepavements.org</a></p>	<p><b>ISCP Vice President:</b> Kathleen T. Hall, Ph.D, P.E. 1271 Huntington Drive South Mundelein, Illinois, USA 60060 Phone: 847-549-8568 Fax: 847-589-4284</p>	<p><b>ISCP Secretary and Treasurer:</b> Mark B. Snyder, Ph.D., P.E. 7085 Highland Creek Dr. Bridgeville, Pennsylvania, USA 15017 Phone: 412-221-8450 Fax: 412-221-0409 Email: <a href="mailto:mbsnyder@concretepavements.org">mbsnyder@concretepavements.org</a> <i>(Contact for membership inquiries)</i></p>
--	--	--