



# International Society for Concrete Pavements

ISCP e-Newsletter  
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ISCP

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## What's New at ISCP

### 9<sup>th</sup> International Conference Dates Changed!!



The dates for the 9th International Conference on Concrete Pavements have been pushed back one week to **August 17-21, 2008**. Please mark or correct your calendar!

The latest conference planning and registration details are always available on the newly renovated webpage at

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

### Wanted: Nominees for ISCP Board!

Do you want to play a more active role in guiding the Society and determining its future direction? Consider running for election to the Board of Directors! Elections will be held this fall (by e-mail ballot) for seven of the fourteen Director positions and nominations/volunteers are now being sought.

Board members are typically asked to attend two meetings per year (January in Washington, DC, USA, concurrently with the TRB meeting and a mid-year meeting at another location). They are also asked to participate in occasional telephone conference calls and e-mail exchanges to take action on various business items that arise between meetings. Many board members also chair committees and take a more active role in planning and running conferences and workshops. The term of service is four years, with potential for re-election to another term.

If you would like to nominate someone (including self-nominations) to serve on the Board, please contact Shiraz Tayabji (Past President and Nominating Committee Chair) by July 15 at [stayabji@ctlgroup.com](mailto:stayabji@ctlgroup.com).

### ISCP Strategic Planning Meeting in South Africa

As previously announced, the next meeting of the Board of Directors of ISCP will take place in South Africa on August 14-15, in Bakubunge Lodge near Pilanesberg. The main activity for this meeting is the establishment of a strategic plan to ensure that the activities of ISCP are consistent with the mission and goals of the society. A detailed list of discussion items for the strategic planning meeting will be developed and distributed by email to Board members in July. Suggestions for strategic planning discussion items are welcome from all ISCP members, and may be sent to Kathleen Hall at [kthall64@comcast.net](mailto:kthall64@comcast.net).

### Society Sponsors Best Practices Workshop in Xi'an, China



ISCP, Chang'an University in Xi'an, China, and the North America Chinese Overseas Transportation Association (NACOTA) are co-sponsoring a two-day Best Practices in Concrete Pavements workshop at Chang'an University during mid-September, 2007. The workshop will present an overview of the technology with respect to design, concrete materials, construction (slipform paving focus), maintenance/repair/rehabilitation, and international practices for long-life concrete pavement. The content will be practice-oriented and focus on best practices.

Shiraz Tayabji has been tasked by the Executive Committee with planning the activity. The workshop planning and logistics are being facilitated by members Professor Shuanfa Chen (Dean, Faculty of Materials at Chang'an University), Dr. Yingwu Fang (Chair, Pavement Committee, NACOTA) and Dr. Edward Guo.

During early June, the society solicited interest from about 40 society experts to serve as instructors for the workshop. The response was very positive and the following instructors were selected to conduct the workshop based on their expertise in the subject matter: Shiraz Tayabji, Tom Van Dam, Dan Zollinger, and one additional member from Canada (pending approval). The arrangements require the presenters to fly to China (Beijing) at their own cost, with all local travel and lodging costs to be taken care of by the host (Chang'an University). ISCP is expected to partially subsidize the cost of traveling to China.

Chang'an University is located in Xi'an, China. The university was formed by the merger of the former Xi'an Highway University, Xi'an Engineering Institute and Northwest Institute of Construction Engineering in 2000. Chang'an University has disciplines in engineering, science, as well as economics, management and liberal arts, with engineering as its main focus. It is well known for highway transportation, land resources and environment, and construction engineering. At present, there are more than 38,000 undergraduate and junior college students, and 2,100 doctoral and master postgraduates.

The society is also in talks with Professor Chen and other Chinese organizations regarding the possibility of co-sponsoring an International Conference on Concrete Pavements in China during 2009. Dan and Shiraz will be meeting with officials/interested organizations during the September visit to start firming up the possible details for the conference.

Prepared by: Shiraz Tayabji

## **WE'RE MOVING!**

The office of the Secretary-Treasurer is moving effective July 10, 2007. All future Society correspondence should be addressed to: ISCP, Office of the Secretary-Treasurer, 7085 Highland Creek Dr, Bridgeville, PA 15017 USA. The FAX number (412-221-0409) is expected to remain the same, as is the e-mail address [secretariat@concretepavements.org](mailto:secretariat@concretepavements.org).

## **Honorary Member Profile: Dr. Rupert Springenschmid**



Dr. Rupert Springenschmid was inducted into honorary membership in ISCP in September, 2001 in recognition of his many accomplishments and contributions to concrete technology (especially in pavements) over the last 50 years. He has been doing research and consulting in the broad field of concrete technology (including pavements, tunnel foundations, etc.), and his particular interests include site problems (such as cracking, frost and deicing chemical damage, water penetration into concrete surfaces and cement-bound bases, and various thermal problems), as described below.

Rupert Springenschmid was born in 1929 in Salzburg, Austria. He studied civil engineering at the Technical University of Vienna, graduating in 1955. He then pursued graduate studies in soil mechanics and soil stabilization at Princeton University (USA) in 1955-1956.

Upon returning to Austria in 1956, he worked for two years in the "research and development division" of a leading Austrian road construction contractor, where his accomplishments included work on the first soil-cement pavement bases built in Austria and the translation (from English to German) of the PCA soil-cement laboratory handbook. He also completed his doctoral dissertation on soil-cement at the Technical University of Vienna.

From 1958 – 1962, Dr. Springenschmid was a Research Assistant at the German Cement Research Institute in Düsseldorf where he continued his work with soil-cement and began to work with concrete pavements. He joined the Research Institute of the Austrian Cement Institute in Vienna in 1962 and was named director of the Institute from 1967 until he left in 1973. In this position, he was largely responsible for introducing modern concrete technology in construction specifications and construction practice in Austria, including the use of air-entrained concrete and short slabs without expansion joints, etc. He also developed a "cracking

frame” test to identify concrete mixtures that might be susceptible to cracking in the absence of expansion joints, and was also involved with research to develop pavements with high resistance to damage caused by studded tires and snow chains.

Although Dr. Springenschmid was closely involved in applied research and development activities, he has also compiled an impressive academic career. He was a lecturer at the Technical University Leoben, in Austria from 1968 – 1973, and a Professor for construction materials at the esteemed Technical University Munich for 25 years from 1973 to 1998.

Rupert has also rendered a great deal of service to the concrete paving profession over the years, including serving as President of the PIARC International Committee on Concrete Roads from 1970 – 1978, and President of the RILEM Committee on Thermal Cracking of Concrete at Early Ages. He has received many honors and awards, including an honorary doctoral degree (“doctor honoris causa”) from the Bauhaus University Weimar in Germany and (most recently) his induction as an ISCP honorary member in September, 2001.

Dr. Springenschmid “retired” in 1998, but he still performs consulting work and he recently completed a 600-page book entitled “Concrete Technology in Practice” (published in 2007 by Bauwerk Verlag in Berlin). He also makes more time for his family (including his wife and 5 children) and his hobbies, which include skiing, mountaineering and music!

ISCP is proud to have Dr. Rupert Springenschmid as an Honorary Member!

## Research News

### International Conference on Concrete Roads 2007 (ICCR 2007) - South Africa



The Cement and Concrete Institute (C&CI), in collaboration with the International Society for Concrete Pavements (ISCP), and with the endorsement of the South African National Roads Agency Limited, will host the International Conference on Concrete Roads 2007 (ICCR 2007) on August 16-17, 2007, in Midrand.



Additional information and a registration form for this conference can be found at:

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

### Brazil Conference in Recife: International Workshop on Best Practices

Details are being finalized for the Workshop on Best Practices for Concrete Pavements, co-sponsored by the Brazilian Concrete Institute (IBRACON) and ISCP, with support now from the Brazilian PCA. The event will be at the RECIFE PALACE HOTEL on October 21-23 (note that hotel is different from what was previously announced). Approximately 30 papers will be presented including contributions from Argentina, USA, Belgium, South Africa, Sweden, Iran, Taiwan, Sri-Lanka, the Netherlands and Brazil. Simultaneous translation Portuguese-English and English-Portuguese will be provided.

The workshop will be an excellent opportunity for professional exchange of ideas at a great location. Workshop registration will open soon. Please visit the event website, listed below for more details (website will be updated in early July). The workshop coincides with the construction of federal highway BR-101 linking Recife to Natal, 500 km, all in concrete pavements.

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

### Pre-9<sup>th</sup> International Conference Workshop Dates Also Changed!!

With the change of the 9<sup>th</sup> International Conference to August 17-21, 2008, the ISCP-sponsored workshop on fundamental research in concrete pavements (curling, fracture mechanics, etc.) will also be moved back one week to **August 14-15, 2008**.

The location for this workshop will be at the University of California-Berkeley's Richmond Field Station in the East Bay area. The format of this workshop will deviate from the standard presentation only conference format. Speakers will be asked to give only a short presentation on key discussion topics on concrete pavements while the focus of the workshop will be discussion of these topics. Paper submission will be optional and will require only an abstract of the speaker's topic of interest.



Registration fees (cost yet undetermined) will cover meals (Wednesday night dinner and all meals for Thursday and Friday) and the meeting space. A block of rooms will be reserved for participants at a nearby hotel in Berkeley.

More information regarding registration for this workshop will be available in the months to come.

## Industry Notes

### TRB Committee AFH50 met in California



The Portland Cement Concrete Pavement Construction committee of the Transportation Research Board held this year summer meeting in California. The group discussed current state of the practice, selected topics for sessions at the upcoming 87th Annual TRB meeting, and listened to presentations and updates related to concrete pavement construction given by members in the industry, public sector, and academia. The meeting included a tour of the Guntert & Zimmerman manufacturing plant, near the city of Modesto, where the company produces its slipform concrete pavers and other highway, airport and canal construction equipment. The chairman of the AFH50 committee is Steve Tritsch.

## Upcoming Events

### 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>



#### ISCP Board Meeting

August 14-15, 2007 at the Bakubunge Lodge near Pilanesberg, South Africa

<http://www.concretepavements.org>



#### International Conference on Concrete Roads (ICCR 2007)

August 16-17, 2007 in Midrand, South Africa

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



#### Workshop on Best Practices in Concrete Pavements

Mid-September, 2007 in Xi'an, China

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

### XXII Ird 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://ibracon1.locaweb.com.br/eventos/pavement.workshop/informacoes.asp>**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/2007cptpconf.cfm>**87th Annual Meeting of the Transportation Research Board**

January 13-17, 2008 in Washington, D.C., 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>**10th International on Application of Advanced Technologies in Transportation - AATT 2008**

May 27-31, 2008 in Athens, Greece

<http://www.civil.ntua.gr/aatt>**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>**Workshop on Fundamental Research in Concrete Pavements**

August 14-15, 2008 in San Francisco Bay Area, California, USA

<http://www.concretepavements.org/9thiccp/>**9th International Conference on Concrete Pavements**

Organized by ISCP

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

<http://www.concretepavements.org/9thiccp/>**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](mailto: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](mailto:newsletter@concretepavements.org).

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