

IN THIS ISSUE:

TITLE **PAGE**

President's Message 1 What's New at ISCP **Industry News**

Call for Papers Due

Conference News & Updates 5-6 7-8 **Upcoming Events**



President's Message

It's summertime (here in the northern hemisphere, at least), but these have not been lazy days for the ISCP Board and Committee members!

There has been a lot of work going on to better define and coordinate the scopes of work and specific activities of each

committee. Drafts of these documents will soon be posted on the ISCP website at http://www.concretepavements.org/committees/index.htm. If, after reading about the activities of the various committees, you are interested in becoming more active with any of these committees, please contact the committee chair. Given that ISCP is an all-volunteer organization, a high level

of participation is essential for continued Society growth and effectiveness.

You've probably noticed the new look of the ISCP newsletter (courtesy of amydeanORIGINALS). will soon see a change in the frequency and content of the newsletter as well. The newsletter staff recently completed development of a strategic plan for involving more ISCP members and friends in the gathering of concrete pavement-related news from every region of the world. Expect a broader perspective on industry developments, ongoing research, technology transfer opportunities and news about organizational and individual members alike, and expect to see the newsletter go to monthly distribution in the near future.

The newsletter staff recently developed a strategic plan for involving more ISCP members & friends in the gathering of concrete pavementrelated news from every region of the world.

ISCP will also have a strong presence at the upcoming International Conferences on Sustainable Concrete Pavements and the EUPAVE Symposium on Concrete Roads, with several members making key presentations and many others in attendance. ISCP board meetings (always open to the membership) are planned around each of these events. In addition, plans continue to develop for ISCP cosponsored conferences in China and Brazil in 2011, as well as for the 10th International Conference on Concrete Pavements in Québec in 2012.

On behalf of the Board, I solicit and welcome all ideas for Society activities and functions that will improve the value of ISCP membership and the quality of service that the Society provides to the concrete pavement engineering profession. I hope to hear from you soon and to see many of you in Sacramento, CA, USA and/or Seville, Spain.

Respectfully, Mark B. Snyder, ISCP President























e-NEWS

WHAT'S NEW AT ISCP:

Reminder: Honorary Member Nominations Due Sept. 1st

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. To submit nominations to the ISCP Secretary, please go to: http://www.concretepavements.org/honorary_members.htm.

The deadline for nominations is September 1, 2010 for consideration at the October 12, 2010 Seville, Spain board meeting. For committee email addresses,

please go to: http://www.concretepavements.org/contact.htm

INDUSTRY NEWS

ACPA Announces Online Overlay Database



The American Concrete Pavement Association (ACPA) has developed a robust, online tool, **THE NATIONAL CONCRETE OVERLAY EXPLORER**, for viewing and assessing the condition of more than 275 concrete overlay projects throughout the United States.



The site provides details about the **six types** of concrete overlays: **BONDED** on asphalt-, composite-, or concrete- pavements and **UN-BONDED** on asphalt-, composite-, or concrete-pavements. The information is organized geographically (geocoordinates), as well as by applications. Clicking on indvidual projects brings up details

Home page of the National Concrete Overlay Explorer.

ACPA President & CEO Gerald F. Voigt, PE. noted that, "We created this resource to provide public officials, transportation agencies and consulting engineers with a single location where they can learn about the growing number of concrete overlay projects. The site also allows specifiers and others to learn of the performance of the projects, and who to contact for more information."



HOW TO USE THIS SITE:

Please go to: http://overlays.acpa.org. Select "Map view", "Table view" or "Details view". To sort information, choose "Table view" - the system will organize data in ascending or descending order. Select "Details" to view data that is sorted by any combination of variables. Select "Group as Sorted" option to activate headers for each sort group. To learn more about the ACPA, please log onto the Technical website at

... a single location [to] learn about the growing number of concrete overlay at projects ...

resource to provide

We created this

www.acpa.org, and the Public website at www.pavements4life.com. Please

email Rob Rodden at rrodden@pavement.com with technical questions and comments.

A 12-year-old unbonded concrete overlay on asphalt pavement. Sailor Springs Rd.,Louisville, IL (Clay County)

TRB Webinar Explored Precast Pavement Technologies



On July 28, 2010 the Transportation Research Board Committee on Rigid Pavements (AFD50) organized a **Webinar on Precast Pavement Technology** - Current and Future Directions. The webinar explored different

precast pavement technologies currently available, fabrication and construction practices, recent project examples, domestic and international initiatives. It was moderated by **Neeraj Buch** (Professor, Michigan State University and Secretary/treasurer-ISCP) and **Dulce Rufino Feldman** (CALTRANS). Presenters and topics included:

- FHWA Perspective and Activities to Advance Precast Pavement Technology
 - Sam Tyson, Federal Highway Administration (FHWA) (Member ISCP)
- Considerations and Guidelines for Designing and Specifying Jointed Precast Concrete Pavement
 Mark Snyder, Engineering Consultant (President: ISCP)
- Considerations and Guidelines for Constructing Jointed Precast Concrete Pavement
- Peter Smith, The Fort Miller Company, Inc. (Member ISCP)
- Industry Initiatives and Advances in Precast Prestressed Concrete Pavement
- David Merritt, The Transtec Group, Inc.

The webinar was attended by an estimated 216 professionals at 80 sites.

The committee on Rigid Pavements is working on organizing additional webinars in the future. The proposed topics for the future webinars include (i) Continuously Reinforced Concrete Pavements; (ii) M-E PDG: Overview of the rigid pavement design procedure, input data requirements, case studies and implementation issues, (iii) Long-life concrete pavements; and (iv) Optimization of dowel bar design. Stay tuned for further details!





Long Island, New York, USA Open House Showcased Precast Concrete Intersection Repairs

On July 20 and 21, 2010 an Open House was organized by the FHWA, NYSDOT and SHRP2 to visit the completed precast installations at several intersections and to observe installation of the precast panels at an intersection along Rockaway Blvd in Long Island, New York, USA (near JFK International Airport).

The existing asphalt concrete (AC) pavement at the intersections was exhibiting severe distresses, primarily rutting and shoving. Six major signalized inter-

sections and some side streets were rehabilitated using precast panels - continuous application. Work involved removing the existing AC pavement (one lane at a time), preparing the grade and placing the concrete panels. Existing curbs remained in place. The concrete panels were 8.75 in. [22cm] thick and typically about 12 ft by 12 ft [3.66 m by 3.66 m].

The Open House was organized by the FHWA NYSDOT and SHRP2 in Long Island, NY, USA, near JFI **International**



Shiraz Tavabii (Member/Past President, ISCP) presented the national overview on precast concrete pavements and **Peter Smith** (Member-ISCP) presented the construction-related overview about the Rockaway Blvd project. Other presentations included remarks from US Federal Highway Administration (FHWA), Na-

tional Precast Concrete Association (NPCA), American Concrete Pavement Association (ACPA), New York State Chapter (NYS C), Roman Stone Construction and Ganett Fleming. There were 48 people from the USA states of New York, Pennsylvania, Maryland, Connecticut and Florida who at-1 tended the open house.



CONFERENCE NEWS & UPDATES:

EUPAVE 11th International Symposium on Concrete Roads



The European Concrete Paving Association (EUPAVE), the Spanish Cement Association (OFICEMEN), the Spanish Institute of Cement and its Applications (IECA), the Andalu-

sian Cement Association and the World Road Association (PIARC) are pleased to invite you to take part in the eleventh edition of the 11th INTERNATIONAL SYMPOSIUM ON CONCRETE ROADS, where the emphasis lies on the exchange of knowledge and experience. Nearly 200 participants have registered for the symposium, to be held October 13-15, 2010 in Seville, Spain, at the avant-garde Barceló Renacimiento Conference Centre. The hotel is situated in Seville on the Island of La Cartuja, in the southern part of the Iberian Peninsula . . . conveniently located just a few minutes from Seville's historic quarter and close to the high-speed AVE train station and the airport.



"The answer to new challenges": climate change, economical constraints, skills shortages, rising oil prices - no matter what obstacles our fast-changing world presents, concrete roads can meet the challenge. Careful planning, cost efficient designs, sustainable construction and focused maintenance are key issues when discussing concrete roads. Modern-day alternatives and innovative special applications provide direction for the future. The technical sessions of this symposium will assist the participants to find the answers to new challenges. Be an informed part of a quality roads infrastructure future in concrete! If you wish to exhibit during the Symposium, you have until September 15th to regis-

Please contact Mrs. Patricia Haro from Oficemen by email at marketing@oficemen.com for further information. A list of preliminary papers has been published and is available on the website: http://www.2010concreteroads.org/.











e-NEWS

DLUME 7, NUMBER 4



Two Sacramento, CA, USA Events -the National Concrete Consortium Meeting



The National Concrete Consortium will hold its fall meeting on September 14, 2010 at the Hyatt Regency, Sacramento, CA, USA. Anyone interested in an informal dinner event on September 13, 2010 should meet in the hotel lobby at 6:00 pm. Register for the Consortium meeting by August 25 with Denise Wagner at dfwagner@iastate.edu or by FAX at (515) 294-0467. For more details, please visit http://www.cptechcenter.org/t2/ttcc_ncc_meeting.cfm

... in Conjunction with - The International

Technology Center

National Concrete Payement The International Conference on Sustainable Concrete Payements: 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,

for information on the conference and details about registration, please visit the conference website: http://www.fhwa.dot.gov/pavement/concrete/2010acptpconf.cfm

National Open House Two-Lift Concrete Paving

Technology Center

National Concrete Payement As part of the reconstruction of State Route 141 in St. Louis, Missouri, USA, the Missouri Department of Transportation is incorporating an innovative section of two-lift concrete paving highlighting sustainable engineering practices. There will be an Open House, September 27-28, 2010, Drury Plaza Chesterfield - St. Louis, 355 Chesterfield Center East, Chesterfield, MO.

The upper lift will be constructed using photocatalytic cement and will also include a pervious concrete shoulder section using the same cement. The open house will feature expert presentations on twolift paving, photocatalytic cement, and pervious pavements, as well as Missouri's plan for monitoring the environmental benefits associated with these technologies. ST LOUIS

A room block has been reserved at the Drury Plaza Chesterfield for the "Two-Lift Open House" group for \$110/night. group rate is guaranteed until Sept 12, otherwise, the group

room rate will be based on availability. Reservations: 636-532-3300. Phone: 636-532-3300. Please visit our website for more information: http://www.cptechcenter.org/t2/index.cfm.



10th International Conference on Concrete Pavemei

discounted

Reserve ISCP's 10th International Conference on Concrete Pavements will be held **Your room** in Québec City, Québec, Canada from **July 8-12, 2012**. ISCP members are encouraged to reserve their rooms as soon as possible for the disfor the counted conference rate at the Fairmont Le Château Frontenac. Tim Smith, Conference Co-Chair, is looking forward to seeing everyone and extends his invitation to come and experience Canada's friendly hospitality!

A group system, **Passkey**, has been set up for making reservations:

1) Only Government employees can receive the CDN\$159 / night (plus taxes) rate and Government ID will be required for presentation at check-in time. The Government Rate is available only for the dates July 7-11, 2012.

https://resweb.passkev.com/go/10intlconference.

2) For the Non-government rate: https://resweb.passkey.com/go/cac2012

3) Reservations can also be made by calling 1-800-441-1414. State that you are a part of the conference with the following IDs: ICCP0712 (Government employees) & CACA09 (all others).







Reminder: China Pavement Conference



Participate and explore China's culture and history during the International Conference on Concrete Pavement Design, Construction and Rehabilitation, which will be held on **April 18-20, 2011** in Xi'an, China.

Xi'an is the capital of ShaanXi province and is one of the four great ancient capitals of China. The conference is organized by Chang'an University of Technology and the ISCP. Papers and presentations cover a wide range of topics. The official language is English. Please see the website: http://www.concretepavements.org/China 2011 cfp.pdf.





CALL FOR PAPERS DUE:





IMPORTANT DATES: September 30, 2010 Submission of Abstracts January 14, 2011 Submission of Papers:

Chile to Host 8th International Conference on Managing Pavement - Abstracts Due

On behalf of the organizing committee, the Pontificia Universidad Católica de Chile and the Transportation Research Board, we are pleased to invite you to participate in the **8th International Conference** on Managing Pavement Assets. The conference will be hosted in the Extension Centre of the Pontificia Universidad Católica de Chile and the Crowne Plaza Hotel on November 15-19, 2011 in Santiago, Chile. For information on abstracts and to SUBMIT ABSTRACTS by September 30: http://www.icmpa2011.cl/abstract.html. Please consider the following specifications:

- Language: English. A Spanish version of the abstract is acceptable
- Maximum extent of 250 words
- Present expected results, in maximum of 50 additional words
- Progress of the study, by the date of the abstract submission

Building on prior successful conferences held in Canada, United States of America, South Africa, and Australia, SEVEN THEMES have been selected to reflect recent developments and needs in the pavement and transportation asset management area. Abstracts must be related to one of these themes:

- **T01** Performance Based Private Public Partnership (PPP) Projects
- **T02** Sustainable Design, Construction and Operation of Pavement Assets
- T03 Tools to Improve the Decision Process
- **T04** Preservation and Maintenance of Pavement Assets
- **T05** Management Practices and Applications
- T06 Pavement Performance Modeling, Key Performance Indicators and Implementation Targets
- T07 Special Requirements/Situations (Local Roads, Airfields, Cold Regions, Rural Roads, Urban Pavements, etc.)

Please **submit abstracts**: www.icmpa2011.cl

















Papers Invited for the 12th International Conference on Concrete Technology and Sustainability

The Twelfth conference in a series on advances in concrete technology will be held in Prague, Czech Republic in October of 2012. The purpose is to continue to transfer, as widely as possible, the most recent developments in concrete technology and sustainability issues. website: http://www.intconference.org/

Original papers are invited to be presented at the Conference, and to be recent included in the refereed proceedings, to be published by the American Concrete Institute. Papers on current research will be accepted for presentation and inclusion in a volume of supplementary papers. Papers on research that has just started may be presented as posters. TO VIEW OVER 36 TOPICS. PLEASE VISIT: http://www.intconference.org/documents/Circular1-Advances.pdf

... to continue to transfer the most developments in concrete technology & sustainability issues.

IMPORTANT DATES: **December 1, 2010** Submission of 200-word Submission of 200-word abstracts
January 30, 2011
Acceptance of abstracts & notification to authors
October 30, 2011
Submission of draft manuscripts for review
February 29, 2012
Acceptance of papers & notification to authors
April 1, 2012
Submission of final manuscripts, typed in accordance with instructions instructions provided to authors



Committee for the Organization of International Conferences

120 boul, de l'Industrie Candiac, QC, Canada J5R 1J2

E-mail: pierrette.veillette@handv-chemicals.com

Fax: (450) 659-313

"English" is the conference language with no simultaneous translation.

Sponsored by: Committee for the Organization of International Conferences (Montreal, Canada) Co-Sponsored by: American Concrete Institute



Papers Invited for ASTM Symposium on Pervious Concre



Papers are invited for a Symposium on Pervious Concrete to be held December 4, **2011** at the Tampa Marriott Waterside, Tampa, Florida, USA. The symposium is sponsored by **ASTM C09: Committee on Concrete and Concrete Aggregates**, in conjunction with the December 4-7 Standards Development meetings of Committee C09. The deadline for Abstract Submittal is January 4, 2011. The symposium will discuss the importance of having testing standards for a segment of the industry that has been placing pervious concrete for over 30 years in the United States. The com-

munity of industry professionals now engaged in pervious concrete is so large that appropriate standards are paramount for the industry to keep its momentum.

The symposium will provide a forum for presenting data collected on pervious **The symposium** projects relating to fresh concrete properties, hardened properties, durability, permeability and mix design alternatives. Topics that will be presented con- will highlight the tain, but are not limited to:

Surface durability

- Use and intention of C1701 (ASTM Standard Test Method for Infiltration of In Place Pervious Concrete) for field permeability.
- Density and voids of freshly delivered material

Use of admixtures to improve pervious attributes

Correlations of field cores to C1688 (ASTM Standard Test Method for Density and Void Content of Freshly Mixed Pervious Concrete).

been placing pervious Those who should attend include third party labs, engineers, designers, concrete [the producers and contractors. The need for data continues to be of importance so that industry tolerances can be well established within each past 30 years region as they use pervious concrete as a best management practice. To in the U.S.

access the scope of the symposium, the publication requirements and to submit an abstract online, click on: http://www.astm.org/C09symp1211.htm. Click on Go to Abstract Submittal Form at the top of the page. For technical questions about the symposium, please contact the symposium co-chairs: Heather J. Brown: hjbrown@mtsu.edu or Matthew Offenberg: matthew.offenberg@grace.com The official language is English.



Call for Papers DEADLINES:

SEPTEMBER 30, 2010: CALL FOR ABSTRACTS for the 8th International Conference on

Managing Pavement Assets, Santiago, Chile, November 15-19, 2011. Please refer to the specifications in the article on page 5 of this newsletter. Submit through http://www.icmpa2011.cl/abstract.html.

DECEMBER 1, 2010: SUBMISSION of 200-WORD ABSTRACTS for the 12th International Conference on

Recent Advances in Concrete Technology and Sustainability Issues, Prague, Czech Republic, October 2012. JANUARY 4, 2011: TO: Members of ASTM Committees C09 and C01: DEADLINE FOR ABSTRACT SUBMISSION, Call for Papers for the **Symposium on Pervious Concrete**, Tampa, Florida, December 4, 2011. Submit through:

http://www.astm.org/C09symp1211.htm. Click on Go to Abstract Submittal Form at the top of the page.

Heather J. Brown: hjbrown@mtsu.edu, Matthew Offenberg: matthew.offenberg@grace.com

JANUARY 4, 2011: CALL FOR ABSTRACTS for the 10th International Conference on Concrete Pavements, Quebec, Canada, July 8-12, 2012.

JANUARY 14, 2011: SUBMIT PAPERS for the 8th International Conference on Managing Pavement Assets, Santiago, Chile, November 15-19, 2011. Please refer to the specifications in the article on page 5 of this newsletter. Submit through http://www.icmpa2011.cl/abstract.html

JANUARY 31, 2011: CALL FOR ABSTRACTS for the International Concrete Sustainability

Conference, Boston, Mass., August 9-11, 2011.

MARCH, 2011: ABSTRACT SUBMISSIONS for the 7th RILEM Conference on Cracking

in Pavements, in Delft, the Netherlands, June 20-22, 2012.

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UPCOMING EVENTS

SEPTEMBE

2nd International Conference on Transport Infrastructures

August 4-6, 2010 in São Paulo, Brazil http://www.civil.uminho.pt/icti2010/

National Concrete Consortium

September 14, 2010 in Sacramento, California, USA http://www.cptechcenter.org/t2/ttcc_ncc_meeting.cfm

ISCP

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

Symposium on Mineral Aggregates in Transportation September 22-24, 2010, in Charleston, South Carolina, USA

http://www.aegweb.org/i4a/pages/index.cfm?pageID=4565

National Open House on Two-Lift Concrete Paving September 27-28, 2010, in Chesterfield, Mo, USA http://www.cptechcenter.org/t2/index.cfm

Maintenance Superintendants 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/



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

October 10-11, 2010, Carmona, Spain

http://www.citg.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
Hotel Barcelo Renacimiento, Andalucia Room #5 (Hotel of the EUPAVE 11th Symposium hotel) http://www.concretepavements.org



11th International Symposium on Concrete Roads, Organized by EUPAVE October 13-15, 2010 in Seville, Spain http://www.2010concreteroads.org/

Pavement Evaluation 2010 Conference

October 25-27, 2010 at the Hotel Roanoke and Conference Center in Roanoke, Virginia, USA http://www.cpe.vt.edu/pavementevaluation/

NOVEMBER

International Conference on Future Concrete in Qatar

November 1-3, 2010 in Doha, Quatar

http://www.actsconferences.com/ or send your inquiry to conference@acts-int.com

T&DI Green Streets and Highways Conference

November 14-17, 2010 in Denver, Colorado, USA http://content.asce.org/conferences/greenstreets-highways2010/index.html

7th Russian Scientific and Technical Conference: Polytransport Systems

November 25-27, 2010 in Krasnoyarsk, Russia **ACPA's 47th Annual Meeting**November 30-December 3, 2010 in Bonita Springs, Florida http://www.pavement.com

DECEMBER

2010 International Concrete Sustainability ConferenceDecember 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

EEBRUAR 201 i 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

MARCH 2011

1st ASCE T&DI Congress: Integrated Transportation & Development for a Better Tomorrow March 13-16, 2011 in Chicago, Illinois

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 http://www.concretepavements.org/China_2011_cfp.pdf

http://pavement.chd.edu.cn/iccpdcr



AUGUS

SEPTEMBER

OCTOBER 2011 NOVEMBER

SEPTEMBE

10th International Conference on Low-Volume Roads July 24-27, 2011 in Lake Buena Vista, Florida, USA

2011 International Concrete Sustainability Conference

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

August 9-11, 2011, in Boston, Massachusetts, USA. Co-hosted by the Massachusetts Institute of Technology. http://www.sustainabilityconf.org/ or contact Lionel Lemay, LLemay@nrmca.org, 847-918-7101.

24th World Road Congress September 25-30, 2011 in Mexico City, Mexico http://www.piarc.org/en/congresses-seminars/road-congresses.htm



2nd Conference on Best Practices for Concrete Pavements
October 18-20, 2011 in Florianopolis, Santa Catarina State, Brazil
http://www.concretepavements.org

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

Twelfth International Conference on Recent Advances in Concrete Technology and Sustainability Issues

October 2012 in Prague, Czech Republic

website: http://www.intconference.org/ email: pierrette.veillette@handy-chemicals.com



The ISCP Newsletter is produced by Editor-in-Chief Amanda Bordelon newsletter@concretepavements.org Associate Editor Amy M. Dean aimdean@nc.rr.com under the guidance of the ISCP Communications Committee Neeraj Buch, Chair secretary@concretepavements.org

ISCP thanks Tim Smith, Gerald Voigt, Bill Davenport and Shiraz Tayabji for their contributions to this issue and invites ISCP members and friends to submit articles and calendar items to the Editor-in-Chief for future issues.

ISCP President: Mark B. Snyder, Ph.D., P.E. president@concretepavements.org Vice-President: José T. Balbo, Ph.D vice-president@concretepavements.org Secretary/Treasurer Neeraj Buch, Ph.D. secretary-treasurer@concretepavements.org

Please visit the ISCP website at www.concretepavements.org for more information about ISCP.

