



INTERNATIONAL SOCIETY FOR CONCRETE PAVEMENTS

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ORGANIZATIONAL MEMBERS & MAJOR EVENT SPONSORS:



ISCP e-NEWSLETTER
VOLUME 9, NUMBER 2
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INDUSTRY HONORS

Peter Deem to Receive 2012 NRMCA Lifetime Achievement Award



The 2012 NRMCA Lifetime Achievement Award for Promotion will be awarded to ISCP Member, Peter Deem, who recently retired from Holcim where he began as a market manager in June 1982. The Award recognizes excellence in concrete promotion on behalf of the entire industry over the full career of the award winner.

Early in his career, Peter performed a variety of jobs for Holcim, which led to his position as Vice-President of Sales for the West during the 1990s. During this period, he began working with the American Concrete Pavement Association (eventually as Chairman) and the American Concrete Pipe Association. Peter has distinguished himself, through his resolve, that industry associations must work together to maximize gains for all segments. He demonstrated time and again his ability to bring about such collaboration through his patient but persistent and personally genuine efforts. In that pursuit, Peter has supported many additional industry associations in many capacities, including the Portland Cement Association, National Concrete Masonry Association, Concrete Pavement Technology Center and the Concrete Industry Management program.

At NRMCA, he served on the Materials Board and the Government Affairs, Sustainability and Promotion committees and has set an unmatched example for promotion, advocacy collaboration and non-stop commitment for the benefit of our entire industry.

The 2012 Lifetime Achievement Award will be presented to Peter on March 6 during the Awards Breakfast at the NRMCA Annual Convention in Savannah, GA. - Article courtesy of NRMCA e-News, February 22, 2012



INDUSTRY RESOURCES

EUPAVE Releases New Brochure: "Concrete Pavements Contribute to Decarbonizing of Transport"

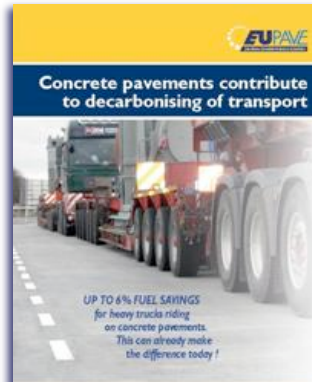
Combatting climate change is a major environmental concern for the European Union. Surface transport represents 28% of total CO₂ emissions, 75% of which are generated by road transport. Consequently, developing a more sustainable transport network is a priority.

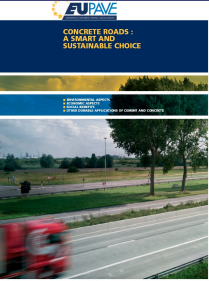


EUPAVE's new brochure aims at disseminating the benefits of concrete against global warming, focusing on the fact that trucks consume less fuel on rigid pavements compared to flexible pavements. Supported by international studies and research, this statement is documented and the results are shown in this brochure. In the future, the goal is to use this brochure as a key variable in the decision-making processes for sustainable infrastructure and to be part of all future evaluation procedures for green public procurement.

The brochure will officially be presented to MEP Mr. Philippe De Backer, Member of European Parliament's Committee on Transport and Tourism, during a press event on March 21, 2012.

To view this publication in a free PDF format, please go to: http://www.eupave.eu/documents/graphics/publicaties/eupave_decarbonising_of_transport.pdf
To request a printed version, please send an email to: info@eupave.eu
(Members:€3 (\$4.00 USD), Non-Members:€25 (\$33.53 USD); plus shipping cost).



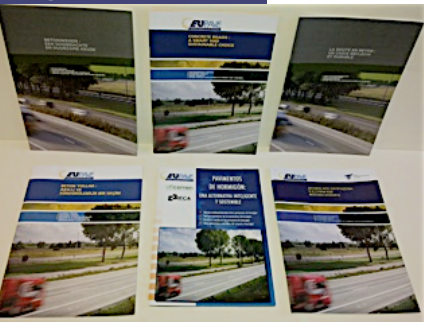


EUPAVE Brochure, "Concrete Roads: a Smart & Sustainable Choice" Now Available in 6 Languages



The EUPAVE brochure "Concrete Roads: a Smart and Sustainable Choice" has been successful since its first publication in September 2009. It has been downloaded over 6700 times, which is about 240 times monthly, and has been reproduced by several EUPAVE members in their native language. The brochure is available in 6 languages: English, Dutch, French, Spanish, Turkey and recently, the Hellenic Cement Industry Association announced the translation of the brochure in Greek. Soon, a 7th language, Portuguese, will be added to the list!

English Brochure



Brochure covers of 6 different languages

This brochure draws on international experience to show that the modern concrete road can be a sustainable solution for our society and that it satisfies the basic criteria for sustainable construction in respect for the environment, economy and society.

To view a pdf of the original brochure in English, please go to:

<http://www.eupave.eu/documents/graphics/publicaties/sustainable-concrete-roads-eupave.pdf>

To request a printed version, please send an email to: info@eupave.eu (Members:€3, Non-Members:€25; plus shipping cost).

For additional EUPAVE Publications, please visit:

<http://www.eupave.eu/documents/technical-information/eupave-publications.xml?lang=en>

2 New Publications Available in the ACPA Online Store: "Life-Cycle Cost Analysis" ...

"Life-Cycle Cost Analysis" (EB011/PDF) is a 128-page publication which begins by discussing LCCA in general terms and then providing detailed steps for conducting a single-project LCCA. Examples with detailed analyses are provided for LCCAs of a local road, highway, and airport pavement. The document also covers some applications and extensions of LCCA, such as the

- "mix of fixes" concept
- total ownership cost
- sustainability in the context of LCCA
- role of LCCA in pavement type selection
- impact of material quantity specifications on LCCA results

The appendices include a deterministic LCCA worksheet, a discussion of historical oil price trends and volatility, and all current federal policies on pavement type selection.

... & "Best Practices for Airport Concrete Pavement Construction"

"Best Practices for Airport Concrete Pavement Construction" (EB102/PDF) is a 180-page publication which details best practices from design and pre-construction considerations through the final steps of airport concrete pavement construction, and even early-age distress repair. The appendices include checklists for pre-construction considerations, inspection and testing, and joint sawing. A decision tree for early-age cracking is also included in the appendices.

To order either pdf downloads or printed copies of each of these new publications, please go to: www.acpa.org/bookstore



HeidelbergCement Tests Innovative Concrete Construction Methods on the A94 Motorway

HEIDELBERGCEMENT

In order to locate the optimum road surface, the Federal Ministry of Transport, Building and Urban Development (BMVBS) and the German Federal Highway Research Institute (BAST) have been testing new road surfaces for many years in Germany. HeidelbergCement AG also provided stimulation for new construction methods using their own pilot section in Geseke, Germany.

HeidelbergCement has been carrying out intensive tests on new, innovative concrete road surfaces under different load and utilization conditions. Among several tests, the one with the main section containing a continuously reinforced jointless pavement has proven to be the most successful.

A new characteristic is now added to this pavement called "grinding texture". During grinding, longitudinal grooves are ground into the concrete surface using a shaft equipped with diamond grinding wheels. Siegfried Riffel, Project Manager for Infrastructure in the Development and Applications Department at HeidelbergCement, explains:

"This grinding texture provides several advantages:

- it can be carried out independent of the weather conditions
- it produces an absolutely smooth, extremely low-noise good-grip road surface
- any irregularities from the surface production process are ground out."

This procedure proved to be most impressive on the test section in Geseke, with a reduction in noise of up to four decibels in comparison to the reference noise level.

EUPAVE acknowledges Heidelberg Cement for the authorization to publish the study as well as the innovative work on the A94.

For the full press release, please go to: <http://www.eupave.eu/documents/graphics/newsletter16/heidelbergpressrelease.pdf?lang=en>

Test section on the A 94: open to traffic since the end of 2011. The new roadway characteristic is its surface's longitudinal, grinding texture.

Image source: HeidelbergCement/Fuchs



Newest Editions Now Available Online:

ACPA TODAY

and

ACPA ON THE GRADE

Volume 2, Number 2 of "ACPA Today" Headlines Include:

- Congress Moves on Highway, Airport Program Reauthorization
 - ACPA, Tri-Services Discuss Airport Pavement Guide Spec
 - ACPA Has Commanding Presence at TRB
 - ACPA Call Task Force Participation
 - World of Concrete Pays Big Dividends
- To view "ACPA Today", please go to: <http://acpa.org/acpa-today/2012/AT-02-03-12.html>

Volume 2, Number 2 of ACPA "On the Grade" Headlines Include:

- Breaking News! Majority Whip, Key Congressional Leader Urge Industry Response
- Congress Moves Forward on Transportation Legislation
- Highlights of the Highway Reauthorization Program
- FAA Program Reauthorization Update
- ACPA Announces Rally for Roads

To view ACPA "On the Grade", please go to: <http://acpa.org/onthegrade/2012/OTG-vol1.3-020612.pdf>



CONFERENCE NEWS & UPDATES

National Conference on "Making Asset Management Work in Your Organization", to be Held in California, USA

Registration has begun for the 9th National Conference on Transportation Asset Management, to be held April 16-18, 2012 in San Diego, California, USA. The Transportation Research Board (TRB) and the American Association of State Highway and Transportation Officials (AASHTO), with support from the FHWA Office of Asset Management, will host the 9th National Conference. All colleagues and friends in the concrete pavement industry are invited to attend.

Transportation agencies will have a forum to identify successful strategies for implementing transportation asset management principles. Speakers will provide guidance on applying asset management concepts to pavement and bridge assets, as well as nontraditional assets, such as traffic management systems and data resources. A new track will help transit agencies learn how to efficiently maintain a state of good repair using transportation asset management approaches.

The conference sessions will follow four tracks:

- A Focus on Implementation
- Beyond Pavements and Bridges
- Good Practices in Management and Operation of Pavement and Bridge Assets
- Transit State of Good Repair

The 9th Conference will be held at The Westin San Diego. **The Conference Group Rate** is available until March 26, 2012 (subject to availability). For online hotel information and registration, please go to: <https://www.starwoodmeeting.com/StarGroupsWeb/booking/reservation?id=1110149299&key=E0E1C>

To see the preliminary program and registration information, please go to: www.TRB.org/Conferences/AssetManagement2012.

Your attendance at this meeting may entitle you to earn **Professional Development Hour (PDH) units**. For more information and a PDH form, please go to:

<http://www.cvent.com/events/9th-national-conference-on-transportation-asset-management/custom-38-6bd59c28b3bf4628a9ff70aa674ccbfc.aspx>

For more information, please contact Jaclyn Hubersberger:

Phone: 202-334-3119 | e-mail: jhubersberger@nas.edu



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of Asset Management

Cosponsored by
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of State Highway and
Transportation Officials
(AASHTO)



EUPAVE Dedicated Bus & Tram Lanes Seminar to be Held in Paris, France, June 7-8

The European Concrete Paving Association (EUPAVE) and The Cement and Concrete Information Centre (CIMbéton) are pleased to announce a two-day technical seminar and site visit: "Dedicated Bus and Tram Lanes" to be held June 7-8, 2012 in Paris, France.

The speakers will explain the new developments and advantages of dedicated lanes, and two worksites will be visited to observe the on-site practice.

For information, please go to: <http://www.eupave.eu/newletter/newsletter15-012012.xml?lang=en>

For information through e-mail, please go to: info@eupave.eu

SAVE THE DATE!!!

EUPAVE is pleased to announce its 2012-seminar and site visit:

DEDICATED BUS and TRAM LANES
7-8 June 2012
PARIS

EUPAVE Formal invitations will follow soon



10th ICCP Early Bird Registration Fees are in Effect Thru March 31...

Registration is underway for ISCP's 10th International Conference on Concrete Pavements to be held in Québec City, Québec, Canada July 8-12, 2012. You may register online or by mailing a registration form from the conference brochure.

REGISTRATION: For ISCP Members, Non-Members, Full-Time Government Employees (receive Government Employee Discount), Student (receive Student discount), and Spouse/Guest, the registration DATES are:

- "Early Bird" Registration by March 31, 2012
- "Regular" Registration by June 30, 2012
- "On-Site" Registration on or after July 8, 2012

To register by mailing a registration form from the conference brochure, please see below. To register online, please go to: <http://www.concretepavements.org/10thiccp/registration.htm>.

EXHIBITORS: The EXHIBITOR registration deadline is May 15, 2012. Space is limited to the first 30 Exhibitors. To obtain a brochure, please see below. To register online as an Exhibitor, please go to: <http://www.concretepavements.org/10thiccp/exhibitors.htm>

BROCHURE: To receive the **Brochure by mail**, please contact:

Tim Smith, Conference Co-Chair and ISCP Board of Directors Member
Phone: 613-738-6094 | e-mail: conference@concretepavements.org or

Sharon Prochnow, National Concrete Pavement Technology Center
2711 S. Loop Drive, Ste 4700, Ames, IA 50010 USA
Phone: 1.515.294.3781 | Fax: 1.515.294.0467 | e-mail: prochnow@iastate.edu

EXHIBITORS: For a brochure and Exhibitor registration forms, please contact our event organizer:

Catherine Blais, AGORA Communication
Phone: 1.418.658.6755 ext. 223 | Fax: 1.418.658.8850 | e-mail: iccp2012@agoracom.qc.ca
or 1.866.358.6755 ext. 223

To view the **Brochure online** and download a printable flyer, please go to:
http://www.concretepavements.org/10thiccp/10th_iccp_flier_jan_12_low_res.pdf (1.3 MB)

For the 10th ICCP details, please go to: <http://www.concretepavements.org/10thiccp/index.htm>. Québec 

ISCP Welcomes Sponsors for the 10th ICCP Conference in July

The International Society for Concrete Pavements (ISCP) and Tim Smith, Conference Chair, welcome sponsors for the 10th International Conference on Concrete Pavements (10th ICCP), to be held July 8-12, 2012 in Québec City, Québec, Canada. Sponsors are invited to participate and are offered four (4) levels of sponsorship: Platinum, Gold, Silver and Bronze.

To become a sponsor, please contact Sherry Sullivan, *Sponsorship Coordinator*
Phone: 416-449-3708 ext. 234 | e-mail: conference.sponsorships@concretepavements.org

For details on Sponsorship Opportunities, please go to:
<http://www.concretepavements.org/10thiccp/sponsors.htm>



- SPONSORS:**
- PLATINUM**
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EUPAVE
Federal Highway Administration
Office du tourisme de Québec
Transportation Association of Canada
Transportation Research Board (TRB)
- CONFERENCE HOST:**
Transports Québec



CALL FOR PAPERS

Call for Abstracts & Papers DEADLINES Digest:

Currently through MARCH 9, 2012: CALL FOR PAPERS for the MAIREPAV 7 Conference (the Maintenance and Rehabilitation of Pavements and Technological Control), to be held in Auckland, New Zealand, August 28-30, 2012.

Currently: CALL FOR PAPERS - specifically targeting (but not limited to) durability and sustainability issues related to cement concrete pavements - for the 2nd International Conference on Sustainable Construction Materials (SUSCOM), to be held in Wuhan China, October 18-21, 2012.

UPCOMING EVENTS

- NRMCA Annual Convention**
March 4-6, 2012 in Savannah, Georgia
http://www.nrmca.org/Conferences_Events/AnnualConvention/2012/index.asp
- Latest Technologies in Design and Construction of Pavements**
March 27-28, 2012 in Punta Arenas, Chile and March 30 in Santiago, Chile
<http://www.ich.cl>

MARCH 2012
ISCP FEBRUARY 2012
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APRIL
2012

**2nd International Conference on
Microstructure Related Durability of Cementitious Composites**

April 11-13, 2012 in Amsterdam, the Netherlands
<http://microdurability.tudelft.nl/>

9th National Conference on Transportation Asset Management

April 16-18, 2012 in San Diego, California
<http://www.TRB.org/Conferences/AssetManagement2012>

**International RILEM Symposium for Multi-scale Characterization,
Modeling and Simulation of Infrastructure Materials**

April 19-20, 2012 in Stockholm, Sweden
<http://www.rilem.net/gene/main.php?base=600040>

**TRA Transport Research Arena Europe 2012,
Athens Sustainable Mobility through Innovation**

April 23-26, 2012 in Athens, Greece
<http://www.traconference.eu>

JUNE
2012

9th International Transportation Specialty Conference

Part of the Canadian Society of Civil Engineering (CSCE) 2012 conference
June 6-9, 2012 in Edmonton, Alberta, Canada
<http://csce2012.ca/>

EUPAVE - Dedicated Bus and Tram Lanes Seminar and Site Visit

June 7-8, 2012 in Paris, France
<http://www.eupave.eu/documents/news-items/20123101.xml?lang=en>

fib Symposium: Concrete Structures for Sustainable Community

June 11-14, 2012 in Stockholm, Sweden
<http://www.fibstockholm2012.se/>

Symposium of Advances in Pavement Mechanics

Part of the 2012 Joint Conference of the Engineering Mechanics Institute & 11th ASCE Joint Specialty Conference on Probabilistic Mechanics and Structural Reliability (EMI-PMC 2012)
June 17-20, 2012 in Notre Dame, Indiana, USA
<http://nd.edu/~emipmc12/>

International Congress on Durability of Concrete

June 18-21, 2012 in Trondheim, Norway
<http://www.icdc2012.com>

7th RILEM Conference on Cracking in Pavements

June 20-22, 2012 in Delft, the Netherlands
<http://www.rilem2012.org>

JULY
2012



3rd Advanced Workshop on Concrete Pavements

July 5-7, 2012 Lac Delage, Quebec, Canada
<http://www.concretepavements.org/3rdworkshop>
http://www.concretepavements.org/3rdworkshop/advanced_workshop_brochure_01_20_2012_web.pdf



10th International Conference on Concrete Pavements

Organized by ISCP, July 8-12, 2012 in Quebec City, Canada
<http://www.concretepavements.org/10thiccp>

For events taking place August through December, 2012 and in 2013, please go to:
<http://www.concretepavements.org/calendar.htm>.



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ISCP thanks

NRMCA, EUPAVE ACPA, Stephen Maher (TRB) and Tim Smith (Stantec & 10th ICCP)
for contributions to this issue.

ISCP invites ISCP members and friends to submit articles and calendar items to the Editor-in-Chief for future issues.

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