



INTERNATIONAL SOCIETY FOR CONCRETE PAVEMENTS

ISCP e-NEWSLETTER
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ORGANIZATIONAL MEMBERS & MAJOR EVENT SPONSORS:



INDUSTRY NEWS, RESOURCES & WEBINARS

FEHRL Welcomes the New Secretary General

The Forum of European National Highway Research Laboratories, FEHRL (European Concrete Paving Association (EUPAVE) Member), welcomes **Dr. Thierry Goger** to a new role as *FEHRL Secretary-General*. Dr. Goger has a background as a researcher on the assessment of environmental impacts due to transport systems, programs and policies.



To learn more, please visit the FEHRL website: www.fehrl.org.

SLOCEM Joins EUPAVE

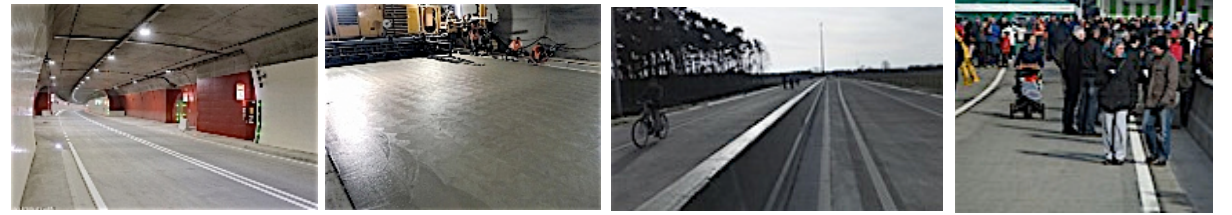
The Slovenian Cement Producers Association, SLOCEM, has joined EUPAVE. SLOCEM was founded in 2003, connecting two cement producers in Slovenia: Salonit Anhovo and Lafarge Cement Trbovlje. It is headquartered in Ljubljana, the capital of Slovenia. General Managers of both cement plants are the members of the EUPAVE Board; one of them is President of the Board with a two-year term.

Lojzka Reščič, *SLOCEM Executive Secretary*, said, "At the beginning, the main goal of the association was co-operation with the European Cement Association, but last year our activities were more re-oriented to the promotion of all aspects of cement and concrete as a sustainable material in construction. In 2013, in Slovenia, we launched a first event titled 'Concrete and Sustainable Construction'. The first theme was 'Concrete Pavements', where we presented good practice from foreign countries with a lot of experience with concrete pavement in Belgium, Austria and Poland."

For more information, please go to the article on EUPAVE website: http://www.eupave.eu/documents/news-items/20142802-slocemjoins_eupave.xml?lang=en and to the SLOCEM website: www.slocem.si/eng/.



Concrete Pavement in Tunnels: Two Recent Projects Opened to Traffic in Italy & Belgium



The benefits of concrete pavements in tunnels, and particularly their contribution to fire safety, are widely-known and described in the EUPAVE brochure "Contribution of Concrete Pavements to the Safety of Tunnels in Case of Fire". (<http://www.eupave.eu/documents/technical-information/inventory-of-documents/pictures/safety-of-tunnels-final.pdf>).

EUPAVE recently assisted in the pavement design of two road and tunnel sections:

1: The tunnel in Laives, in the province of Bolzano, Italy:

On December 21, 2013, the tunnel was opened to traffic and is part of the by-pass road between Bronzolo and Bolzano. Up to 70% of the section is built underground with a total tunnel length of 9 km (5.6 mi). The pavement consists of double-layered concrete slabs (6 cm (2.3 in) top layer + 14 cm (5.5 in) bottom layer) with dowelled joints and a fine exposed aggregate surface. It is an inspiring work for other road construction projects in Italy.

2: A new by-pass road in the Campine region in Flanders, Belgium:

On Sunday February 23, 2014, after two years of intensive work, the new by-pass road on "N19g" was inaugurated in the town of Kasterlee. Since the end of 2011, the Flemish Agency for Roads and Traffic has been involved with the project "North-South Campine", consisting of two subprojects:

- The construction of a fly-over, composed of an integral bridge and a cable-stayed bridge, two large roundabouts and new access-and-exit roads for motorway E131.
- The link road between Geel and Kasterlee, about 7 km (4.3 mi) long - including a 500-m (.3-mi) long tunnel passing under the environmentally protected area the "Hoge Mouw".

The official inauguration was led by Kris Peeters, *Flemish Minister-President* and Hilde Crevits, *Minister of Public Works*. About 5000 local people participated in the jogging or walking over a part of the new highway and in the surrounding woods. The local population is very satisfied with the construction of this "missing link" which will keep the traffic out of the town centers of Kasterlee and Geel-Ten Aard. For the road users, this means a faster and safer connection.

To read more, please go to: <http://www.eupave.eu/newsletter/newsletter29-06032014.xml?lang=en>. 1



“Dutch Knowledge Platform on Concrete Pavements” to Hold First Meeting on April 8, 2014 in Soesterberg, Netherlands

During the Dutch Concrete Road Symposium in October 2013, the start-up of a “Dutch Knowledge Platform on Concrete Pavements” was announced. EUPAVE member, Cement & Beton Centrum, along with CROW, have taken this initiative. Over 100 people (contractors, consultants, road authorities, suppliers) have already joined the Platform.

The first meeting will be April 8, 2014 in Soesterberg, Netherlands. Only members of the Knowledge Platform have received invitations to the thematic meetings of the platform. Membership is free and open to those who are professionally employed in management, design, consulting, implementation, quality control, and have knowledge of infrastructure. To become a member, and for more information, please go to: www.cementenbeton.nl/. For the English version, please go to: <http://www.google.com/translate?hl=en&ie=UTF8&sl=auto&tl=en&u=http%3A%2F%2Fwww.cementenbeton.nl%2Finfrabouw%2Fmainmenuitem%2F2631-kennisplatform-betonwegen>. For information on CROW (technology platform for transport, infrastructure and public space), please go to: <http://www.crow.nl/english-summary>.



Publication: Deicer Scaling Resistance of Concrete Mixtures Containing Slag Cement

Concrete containing slag cement generally exhibits good long-term strength and durability characteristics. However, concern has been expressed about the deicer scaling resistance of concrete containing slag, especially when the dosage of slag exceeds 50% of the total cementitious material in the mixture. Much of the concern appears to be based on the results of laboratory scaling tests based on ASTM C 672, despite indications that such mixtures often perform well in the field.

The initial phase of this study showed that construction-related issues played a bigger role in the observed scaling performance than did the amount of slag in the concrete mixture. The work also indicated that the test method (ASTM C 672) may be more severe than most environments. In the second phase, an alternative laboratory test method to ASTM C 672 was developed that would better represent the field performance of concretes, based on a method from the Canadian Quebec Ministry of Transportation. The work described in this report was to repeat some tests using similar materials in a second laboratory to evaluate repeatability of the test methods.

To download the entire report in PDF form, please go to: http://www.intrans.iastate.edu/research/documents/research-reports/deicer_scaling_resistance_3_w_cvr.pdf.

Webinar: “Advancements in Dowel Alignment & Location for Concrete Pavements”

Tuesday, March 25, 2014

1:00 pm to 4:00 pm (EST) | 12:00 Noon to 3:00 pm (CST) | 10:00 am to 1:00pm (PST)

Webinar Overview: This comprehensive course provides the latest information on current and emerging technology used for proper alignment and location of dowels in concrete pavements. The course begins with an overview of dowel location technology and why it is essential to have accurate, efficient ways to align and locate dowels in concrete pavements. The program also will include an update on ACPA's dowel location & alignment specification. The presentation will include: An overview of various, non-contact measurement methods, including ground-penetrating radar, ultrasound, and MIT-Scan technology; overview of MIT-Scan technology for dowel alignment/location; and details about the implementation of this technology throughout the United States. Also featured are an agency's and a contractor's perspectives on non-contact technology, and in particular, their experiences with MIT-Scan Technology. The course will wrap up with an outlook for the future in this very important topic area.

Webinar Presenters: Mark Snyder, Ph.D., P.E., *Vice President, ACPA-Pennsylvania Chapter*
Garry Kessler, P.E., *Technical Manager at Kessler Soils Engineering Products, Inc.*
Tim Sturges, *Transportation Engineer 4, Ohio Department of Transportation*
Jeff Borden, *Engineer (QC and Field Engineering), Cold Spring Construction*

Registration: To register for this webinar (Click on Individual or Group), please go to: https://netforum.avectra.com/eweb/DynamicPage.aspx?Site=ACPA_ORG&WebCode=EventList&FromSearchControl=Yes. For registration assistance, please contact Debbie Becker or Elizabeth Rodden below.

Government employees: Must contact ACPA to receive the government discount and additional information:

Debbie Becker: E-mail: dbecker@acpa.org | Phone: 847.423.8710
Wednesday, Thursday, and Friday, 7:30 am to 4:30 Central.

Elizabeth Rodden: E-mail: erodden@acpa.org | 847.423.8702
Wednesday and Friday, 7:30 am to 4:00 p.m. Central.

If you are registering on the day of the event, please contact:

Bill Davenport: E-mail: bdavenport@acpa.org | Phone: 847.423.8703

Webinar: “Internal Curing: A Technology to Improve the Performance of Concrete”

Wednesday, May 1, 2014

2:00 pm - 4:00 pm (EST) | 1:00 pm to 3:00 pm (CST) | 11:00 am to 1:00 pm (PST)

TRB will conduct a webinar that will introduce the concepts of internal curing of concrete and provide information on its implementation in transportation structures and pavements. Internal curing is an emerging technology used to increase the service life of concrete and reduce cracking and chloride ingress. Participants must register in advance, and there is a fee for non-TRB Sponsor or non-TRB Sustaining Affiliate employees. The first 90 minutes of the webinar will be for presentations and the final 30 minutes will be reserved for audience questions.

Webinar Presenters: W. Jason Weiss, *Purdue University*
Dale Bentz, *National Institute of Standards and Technology*
Donald Streeter, *New York State Department of Transportation*

Webinar Moderator: Tyson Rupnow, *Louisiana Transportation Research Center*

Webinar Outline:
PART 1: Internal curing: Basic principles and future visions
PART 2: Reducing cracking and improving durability with internal curing



Deicer Scaling Resistance of Concrete Mixtures Containing Slag Cement



Phase 3 Final Report
January 2014

Sponsored through
Iowa State University (057190-00-0-0001) (Book Plan 210)
Road Test Road (11-1000) (Lansing, Iowa (State), Kansas,
New York, Ohio, Slag Cement Association)

IOWA STATE UNIVERSITY
Institute for Transportation



PDH Credits
ACPA awards 3 professional development hours (PDHs) to those wishing to complete an optional “evidence of learning exam” following the webinar.

Participants interested in earning PDH's are urged to check with their local licensing authorities to determine the acceptance of this course prior to registration.



OF THE NATIONAL ACADEMIES

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Professional Development Hour Information

A certificate for two Professional Development Hours (PDHs) will be provided to Professional Engineers (PEs) who register and attend the webinar as an individual. For groups, only the person that registers and attends the session will receive a PDH certificate. Individuals who are registered as a Florida P.E. are required to send an email, with their license number to:
Reggie Gillum | E-mail: RGillum@nas.edu | Questions? Please e-mail Reggie Gillum

For registration information and the webinar learning objectives, please go to:
<http://www.trb.org/ElectronicSessions/Blurbs/170393.aspx>.

CONFERENCES: UPCOMING

REMINDER: Early Bird Rates Expire on March 31, 2014! 12th International Symposium on Concrete Roads to be Held in September, 2014 in Prague

To read the ISCP article on the Symposium, please go to page 4 of the ISCP April, 2013 issue:

<http://www.concretepavements.org/Membership/Newsletter/ISCPAPRIL13Newsletter.pdf>.

To register, please go to:

<http://www.concreteroads2014.org/en/registration>.

To download a conference flyer, please go to:

http://www.eupave.eu/documents/graphics/12thinternational_symposium2014-prague/flyer-symposium-final.pdf.

Innovative Solutions – Benefiting Society

12TH INTERNATIONAL SYMPOSIUM
ON CONCRETE ROADS 2014

September 23–26, 2014 | Prague, Czech Republic
www.concreteroads2014.org

36th Annual ICMA International Cement Microscopy Association 2014 Conference to be Held April 14-17, 2014 in Milan, Italy



The International Cement Microscopy Association (ICMA) will hold its 36th Annual Conference April 14-17, 2014 in Milan, Italy, the fashion capital of the world, the economic capital for Italians, and the second-largest city in Italy. The 2014 Conference will be co-sponsored by

MAPEI, S.p.A., a worldwide producer of building materials (adhesives, thinsets, sealants, mortars, etc.). Papers will include a blend of practical applications, new techniques, novel approaches and the latest research efforts in the field of microscopic evaluation of portland cement and related materials.

There will be speakers and delegates from many countries of the world, including Italy, France, Canada, Germany, Russia, Japan, Australia, Belgium, United Kingdom, Portugal University, Portugal, China, Albania, Kuwait, The Netherlands, New Zealand, Australia, Philippines, and the United States of America.

Welcome Reception and Registration will be on Sunday, April 13, 2014.

Program will include:

- Microscopic structures of building materials, including clinker, cement, hydration products, lime, gypsum, light and heavy weight aggregates, concrete, slag, fly ash, etc.
- Application of different types of microscopes for the quality control of clinker, cement, concrete, aggregates, etc.
- Effect of additives and admixtures on the microstructure of cement and concrete and the relationship between the microstructure and concrete performance.
- X-ray Diffraction Analysis (XRD) and other related modern equipment in the study of portland cement, related materials, and the relationship between the microstructure and the mineralogical composition.

For program speakers, please go to: <http://cemmicro.org/programs-36th-2014-icma-conference-milan-italy/>.

Day-long Technical Tour & Visit: Laboratories & plants of MAPEI S.p.A., MILAN, ITALY

Tuesday, April 15, 2014 | 9:00 am – 5:00 pm

Reception: Hosted by ICMA (Mementoes Courtesy of 8853)

Wednesday, April 16, 2014 | 6:00 pm – 9:00 pm

Exhibitors: A visual display is encouraged as well as a five-minute presentation to demonstrate the use or capability of the equipment or service. Exhibitors will be introduced on Monday, April 14, 2014. Exhibits will be set up in the main conference room, allowing all attendees time to visit the exhibits and talk to the exhibitors. All papers will be presented in the same room. For exhibitor information, please go to: <http://cemmicro.org/2014-icma-exhibitor-announcement-3/>.

For Pre-registration forms, a hotel reservation form, and more information, please go to the ICMA website: <http://cemmicro.org/annual-conference-information/>.

2nd Annual Cement & Concrete Day on the Hill to be Held April 30, 2014 on “Capitol Hill”, Washington, D.C., USA

The second annual Cement & Concrete Day on the Hill will be held Wednesday, April 30, 2014 in Washington, D.C., USA. A Welcome Reception will be held the night prior, on Tuesday, April 29, 2014 at 6:00 pm at the Willard Hotel, Washington, D.C. It will bring together representatives from more than a dozen related-industry associations. The goal is to promote the expanded use of cement and concrete in federal infrastructure projects, from highways and bridges, to dams and mass transit.

Sponsored and hosted by Portland Cement Association, the event is open to all member company executives and staff of concrete- and masonry-related associations (CAMRA) member associations.

Tuesday, April 29	★ 6:00 p.m.	★ Cocktail Reception	★ Willard Hotel
Wednesday, April 30	★ 10:00 a.m.	★ Briefing and Lunch	★ Willard Hotel
Wednesday, April 30	★ 12:30 p.m.	★ Hill Meetings	★ Capitol Hill
Wednesday, April 30	★ 5:30 p.m.	★ Cement Caucus Reception	★ Capitol Hill



Find ICMA on
Facebook:
<https://www.facebook.com/cemmi-cro?ref=stream>.



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To download the PDF flyer of the "Cement and Concrete Day on the Hill", please go to: <http://www.acpa.org/Legislative/Artwork-Attachments/CEMENT-CONCRETE-dayonhill-2014/CEMENT-CONCRETE-DAYONHILL-2014.pdf>.

To register, please go to: <https://www.regonline.com/Register/Checkin.aspx?EventID=1236638>.

ACPA Concrete Pavement Design and Construction Workshop to be Held April 28 & 29, 2014 in Mississauga, Ontario, Canada

The American Concrete Pavement Association (ACPA) will hold a two-day Workshop titled "Concrete Pavement Design and Construction Workshop", April 28 and 29, 2014 in Mississauga, Ontario, Canada. Sponsored by the Cement Association of Canada (CAC) and the Ready Mixed Concrete Association of Ontario (RMCAO), the focus of this workshop is concrete pavement design methods and details. A key theme is "interdependence between construction means and methods along with design".

- Day 1 will consist of discussions on new concrete pavement and concrete overlay design methods, materials, and resources.
- Day 2 will cover joint layout; construction methods and tools; and inspection and testing - all tying back to design and how each affects the other.

A basic understanding of concrete pavement design and construction methods is helpful to have for this workshop. Much of the discussion will be advanced and assume prior knowledge of common concrete pavement engineering factors and considerations.

This workshop will teach which design software and tools to turn to for a given project, and the workshop attendees will be able to design better performing and more cost-efficient concrete pavements, while gaining knowledge and appreciation for the construction side of the equation.

Register by April 4, 2014 for the early rate!

Workshop Location: Corporate Event Center at Centre for Health & Safety Innovation (CHSI):
Rm: Conference Centre Central, 5110 Creekbank Rd., Mississauga, ON L4W 0A1, Phone: +1 905-219-0044

For registration, agenda, speakers, and hotel information, please go to:
https://netforum.avectra.com/eweb/DynamicPage.aspx?Site=ACPA_ORG&WebCode=EventDetail&evt_key=e0c33814-51df-4fd1-a438-99188596c7b0.

4th International Conference on Durability of Concrete Structures & 2 Pre-Conference Short Courses to be Held at Purdue University, USA, July 24-26, 2014

The School of Civil Engineering, Purdue University will host the 4th International Conference on Durability of Concrete Structures (ICDCS), July 24-26, 2014 at Purdue University in West Lafayette, Indiana, USA. This conference is the fourth consecutive international meeting on durability of concrete structures under the ICDCS series and follows previous successful meetings held in Hangzhou, China (2008), Sapporo, Japan (2010) and Belfast, UK (2012).

The objective of the conference is to bring together international experts on the durability of concrete structures to share their recent achievements, present the latest research developments as well as to discuss the current problems so the future challenges on the issues of concrete durability can be properly addressed.

... with 2 Pre-Conference Short Courses July 22-23

The organizers are offering two pre-conference short courses that will take place on Tuesday and Wednesday, July 22 and July 23, prior to the conference. The topics of the short courses will be closely aligned with the general theme of the conference: durability of concrete.

The short courses are intended primarily for the graduate students working in the area of concrete materials but should also appeal to the wider audience. There will be no registration fee to attend these courses but the prospective participants will be asked to register online. To register and for more information, please go to:
<http://www.simbpan.pl/uploads/magazyn/4th-ICDCS-brochure.pdf>.

9th International Conference on Managing Pavement Assets (ICMPA9) to be Held NEXT YEAR in May, 2015

The Transportation Research Board (TRB), Virginia Department of Transportation (VDOT), Virginia Tech, Federal Highway Administration (FHWA), and American Association of State Highway and Transportation Officials (AASHTO) are organizing the 9th International Conference on Managing Pavement Assets (ICMPA9), to be held **next year**, May 18-22, 2015, in Alexandria, Virginia, located in the Washington, D.C. metropolitan area, U.S.A. The conference is designed to focus on the problems and issues of managing and preserving pavement assets, as well as the trend toward integrated transportation asset management that incorporates private sector business principles.

The theme of the conference is "Moving Pavement Management beyond the Short-Term: Embracing Innovation and Addressing Sustainability, Accountability and Improved Performance." Issues to be discussed related to the theme include: effective and innovative data collection, analysis tools, performance-based investment strategies, and sustainability. Topics of discussion will include:

- The "next generation" of pavement management systems;
- Sustainable design, construction, maintenance, and operation of pavement assets;
- Performance measurement, implementation targets and contractual requirements;



All workshop attendees will receive licenses for:

- ACPA's StreetPave
- WinPAS (AASHTO 93)
- AirPave

software programs . . . a \$375 USD value for ACPA members & \$900 value for non-members.



Concrete Pavement Design and Construction Workshop

Presented by the American Concrete Pavement Association (ACPA)
Sponsored by the Cement Association of Canada (CAC)
and the Ready Mixed Concrete Association of Ontario (RMCAO)

April 28 and 29, 2014
Corporate Event Centre at CHSI
5110 Creekbank Road, Mississauga, ON L4W 0A1

ACPA Cement Association of Canada Association Canadienne du Ciment RMCAO



- Increasing the accountability of the various asset management stakeholders;
- Innovative, effective, and sustainable pavement management practices and applications.

For the conference website, please go to: <http://www.icmpa9.org>.

CONFERENCES: RECENTLY ATTENDED

International Concrete Pavement Design Workshop Held in Mexico City, Mexico, Hosted by IMCYC & Presented by ACPA



The Mexican Institute of Cement and Concrete (IMCYC) hosted a 2-day, 10-hour Concrete Pavement Design Workshop on February 26 & 27, 2014 in Mexico City, Mexico. The workshop was presented by Robert Rodden, P.E., *ACPA Director of Technical Service and Product Development*, while simultaneously translated into Spanish. The Workshop attracted more than 30 participants from various countries in North America, Central America and South America, and represented consultants, academia, agencies, contractors, and various other industry groups.

Throughout the two-way, real-time translation service offered during the workshop, discussions first detailed how various design variables are characterized in design; which design variables are of most importance; and common errors made by designers. Upon these building blocks, traffic, material, and jointing considerations were then discussed to provide guidance on how pavement engineers design for applications such as industrial or airfield pavements - using pavement technologies such as JPCP, CRCP and composite pavements, and using materials such as conventional concrete, RCC and pervious concrete. The workshop's focus then turned to design development details and on-hand demonstrations of over-the road design methods for new construction and overlays, including AASHTO 93/ACPA WinPAS, AASHTOWare Pavement ME, ACPA StreetPave, and TCPavement OptiPave. Other design aids such as ACPA app library (<http://apps.acpa.org/apps/>) and EverFE also were discussed and demonstrated.

To see other webinars and on-site training presented by ACPA, please go to: http://www.pavement.com/events_and_programs/Education_and_Training/index.asp. For other IMCYC education and training opportunities, please go to: <http://imcyc.com>.



SABIT Training Held in March Across the United States

The Special American Business Internship Training (SABIT), is a training session that offers U.S. organizations an opportunity to network with Eurasian counterparts, and expose their products and services to potential business partners or customers. The Group Program encourages U.S. exports and investments in Eurasia by bringing delegations of managers and technical experts to the United States for three weeks of industry-specific training at sites across the country. These training sessions also facilitate technical assistance and knowledge transfer, thereby promoting economic and civil society development in Eurasia.



From March 1 - 22, 2014, through the SABIT Program, the U.S. Department of Commerce hosted a delegation of 20 leaders in the road construction industry from 7 countries: Armenia, Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Ukraine. The delegates were primarily executives and high level managers of road construction companies, and a few of them were representatives of the Ministries of Transportation in their countries. They participated in a technical assistance program in the U.S. to learn about best U.S. practices and trends in road construction industry, and to build relationships with U.S. companies and organizations. Discussion topics included:

- Types of road construction equipment
- Concrete pavements and other materials
- Quality control
- Information Technology (IT) applications
- Asphalt mixes
- Bridge and tunnel construction
- Project management techniques
- Environmental impact studies . . . and more.

Their visit included the CONEXPO; a few cities in the Midwest; presentations and lab tours at the Indiana Department of Transportation (INDOT) Research, Purdue University, its Applied Concrete Research Initiative and Purdue Road School; and ended with a week in the Washington, D.C. area. For more information about the SABIT program please to to: <http://www.trade.gov/sabit/>.

CALL FOR PAPERS

Call for Abstracts: 1st IRF Asia Regional Congress & Exhibition to be Held in Bali, Indonesia, October 27-29, 2014

The International Road Federation (IRF), the Indonesia Ministry of Public Works, and the Technical and Scientific Committee of the 1st IRF Asia Regional Congress and Exhibition invite surface transportation experts and researchers from around the world to submit paper abstracts for evaluation. This premier conference will be held from October 27-29, 2014 in Bali, Indonesia, in conjunction with the Ministry of Public Works (Indonesia).






The deadline for submissions is May 2, 2014. Abstracts should reflect original practical cases studies and research or innovation in technical, institutional, economic, business and policy issues that are relevant, recent and significant. Under the theme "Building the Trans-Asian Highway," this one-of-a-kind event will provide a unique setting for sharing proven and innovative solutions for the region's mobility demands, latest industry technologies and global best practices and how they can be replicated and/or



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IRF Call for Abstracts & Preliminary Program

1st Asia Regional Congress
October 27-29, 2014
Bali, Indonesia

International Road Federation
Member Since 2008

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INDONESIA

modified to meet the region's specific needs.

Abstract Guidelines: (no cost to submit)

The abstract should be written in English, readily understandable to most readers, and may contain a maximum of 200 words. Abstracts should be submitted in the following thematic areas:

- Asset Management
- Disaster Mitigation & Recovery
- Pavements & Materials
- Road Financing / PPPs
- Road Safety
- Sustainable Transport
- Technology & Innovation

Why Participate?

- High-level Ministerial Session
- 1,000 local & International delegates
- Innovation forum & live technical demonstrations
- Networks with key decision makers from the region
- Exhibition featuring the latest products & technologies

Technical Sessions: For innovative technical, institutional, economic, business and policy issues that are relevant, recent and significant.

Scientific Sessions: For recent, relevant and significant original research and technological innovation. In addition, accepted authors will also have the opportunity to present their papers in interactive, poster-based sessions.

To submit an abstract, please go to: http://web.pusjatan.pu.go.id/seminar/index.php/event/home/19?utm_source=Asia+RC+Call+for+Abstracts+v140225&utm_campaign=Asia+RC+CfA+v140226&utm_medium=email.

For exhibit & sponsorship opportunities, please contact:
Magid Elabyad, *Vice President, International Programs & Member Services*
Tel: +1 703 535 1001 | E-mail: melabyad@irfnews.org

Call for Papers & Abstracts Digest

April 22-25, 2014 (NO DEADLINE) ABSTRACTS/BRIEFINGS during TRB's Data Analysis Working Group (DAWG), describing ongoing research, are invited for presentation at the Forum on Pavement Performance Data Analysis during the 3rd International Conference on Transportation Infrastructure (ICTI 2014) to be held in Pisa, Italy, April 22-25, 2014. There is no deadline: abstracts are welcome until the agenda of the forum is filled. To download the abstract form and for information about the DAWG Forum, please go to: <http://www.trb.org/PolicyStudies/AbouttheDataAnalysisWorkingGroupDAWG.aspx>.

May 2, 2014 Deadline for abstracts for the 1st IRF Asia Regional Congress and Exhibition to be held October 27-29, 2014 in Bali, Indonesia. To submit an abstract, please go to: http://web.pusjatan.pu.go.id/seminar/index.php/event/home/19?utm_source=Asia+RC+Call+for+Abstracts+v140225&utm_campaign=Asia+RC+CfA+v140226&utm_medium=email.

UPCOMING EVENTS

APRIL 2014

International Conference on Transportation Infrastructure
April 22-25, 2014 in Pisa, Italy, <http://www.icti2014.org>.

Forum on Pavement Performance Data Analysis (DAWG Forum)
April 24, 2014 in Pisa, Italy, <http://www.icti.it/icti2014/html/specialevents.html>.

International Seminar on Sustainable Road and Green Technology
April 23-26, 2014 at the Westin Convention Hotel, Nusa Dua Bali, Indonesia
<http://www.piarc.org/en/calendar/seminars-piarc/?dt=2014-04>.

JUNE 2014

ASCE T&DI 2nd Congress
June 8-11, 2014 in Orlando, Florida, USA,
<http://content.asce.org/conferences/tdicongress2014/index.html>.

RILEM International Workshop on Performance-Based Specification and Control of Concrete Durability
June 11-13, 2014 in Zagreb, Croatia, http://www.grad.unizg.hr/rilem_psc.

14th COTA International Conference of Transportation Professionals (CICTP2014)
July 4-7, 2014, in Changsha, China, <http://cictp.csu.edu.cn/>.

JULY 2014
AUGUST 2014

2014 FAA Worldwide Airport Technology Transfer Conference
August 5-7, 2014 in Galloway (Oceanville), New Jersey, USA, <http://www.airporttech.tc.faa.gov/conference/2014TC/>.

2014 World Congress on Advances in Civil, Environmental, and Materials Research (ACEM14)
August 24-28, 2014 in Busan, South Korea, <http://acem.cti3.com/acem14.htm>.

SEPTEMBER 2014

8th International DUT-Workshop on Research and Innovations for Design of Sustainable and Durable Concrete Pavements
September 20-21, 2014 in Prague, Czech Republic
Call for Abstracts: <http://www.concretepavements.org/Call%20for%20Abstracts%20Workshop%20Concrete%20Pavements%20Prague%20September%202014.pdf>

12th International Symposium on Concrete Roads "Innovative Solutions – Benefiting Society"
Organized by EUPAVE, September 23-26, 2014 in Prague, Czech Republic, <http://www.concreteroads2014.org>

For more events, please go to: <http://www.concretepavements.org/calendar.htm>.

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Questions? Please contact moderator Jeff Roesler: jroesler@illinois.edu

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

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