

CONTENTS

- NC NEWS, EVENTS, SEMINARS AND CONFERENCES
- OTHER NC ACTIVITIES AND EXAMPLES OF GOOD PRACTICE
- NC PUBLICATIONS AND SOFTWARE
- PIARC CONGRESSES

hyperlinks are active in Acrobat version 5



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www.piarc.org

EDITORIAL



Opening ceremony



Minister's session



Indoor exhibition



Indoor exhibition



Machinery demonstrations



Winners of the snowplough
Championship

Your opinions and comments to

Friedrich Zotter: friedrich.zotter@bmvit.gv.at

XIII INTERNATIONAL WINTER ROAD CONGRESS: the first Congress held in the Americas! City of Québec, February 8 to 11, 2010

It was with great pleasure that the City of Québec recently welcomed some 1,500 participants, from 55 countries, to this major World Road Association event.

The opening ceremony, inspired by Québec's distinctive expertise in circus arts, kicked off the 13th Winter Road Congress. Dignitaries opened the Congress with a few words of welcome to delegates, and then the Chair of the Technical Committee B5 and the Chair of the Congress' Organizing Committee provided an overview of the general and technical program.

The XIII International Winter Road Congress' exhibition pavilion was a true display of tangible initiatives, technology and innovation in winter road maintenance. There were over one hundred exhibitors bringing together close to 500 people from the Americas, Europe and Asia. In keeping with the Organizing Committee's commitment to making this Congress an eco-responsible event, a contest was held to name the most ecologically responsible stand and promote it in the Congress' daily paper: Blizzard. This paper, which was published on February 9th, 10th and 11th, covered all program activities, including technical visits and sessions, the Winter City Mayors' Session, the Ministers' Session, the international exhibition, the equipment demonstrations, the opening ceremony, banquet and closing session, and even the first International Snowplough Championship!

The **National Committees (NC)** of Canada, Québec, France, Japan, Korea, the Nordic Road Association and Spain contributed to the success of the exhibition through their National pavilions. **Andorra**, the host country of the **XIVth International Winter Road Congress in 2014**, provided a special booth with leaflets and electronic information material.

A gathering of National Committees was organised by the **Canadian NC** in cooperation with the **NC of Québec** in the Exhibition Hall in order to promote and highlight the concerted activities and the important role of the NCs within the Association.

For the **Nordic Road Association**, new methods of collecting information on road and weather conditions and their influence on future maintenance strategies, were a priority issue of the Conference.

The representatives of the **Baltic Road Association** focused their interest on the new technologies for efficient winter road maintenance and road safety, as presented in the technical sessions and the Congress exhibits.

In **Japan**, the economic crisis experienced world wide has led to budgetary constraints in the field of road maintenance. It is therefore of utmost importance to meet with the respective experts of other countries having undergone the same experience in order to share and exchange information on the most economic concepts for winter maintenance and optimum solutions.

The **United Kingdom** had two consecutive winters with significantly above average snowfall. Public opinion varies on whether this is due to climate change or cyclical weather patterns but they all question why we do not do more to avoid the disruption caused to transportation services. The Winter Congress is an important event for the UK to learn from countries experiencing such conditions more frequently - how road authorities must respond, what new techniques exist and whether our risk analysis process is properly balanced for cost effectiveness.

France is a country with a moderate climate, sometimes affected by strong winter seasons due to its topography - mountainous areas with regular and substantial snowfall, low lying areas with occasional snowfall and often icy circumstances, worsened by the climate change experienced over the past years. Massive road traffic on important trunk roads and motorways affected by such climatic conditions leads to severe disruptions, causing traffic breakdowns on certain transport routes. Therefore France is particularly interested in sharing its experience with countries experiencing similar conditions.

The Congress no doubt enabled fruitful discussion among delegates, and this dialogue will certainly continue during the Association's next meeting in **Mexico in 2011**, for the **XXIVth World Road Congress**.

The Congress' Organizing Committee would like to thank all the participants who gave meaning to this unique event.



Friedrich Zotter

Representative of National Committees on the PIARC Executive Committee

NC news, events, seminars & conferences

ARGENTINA



I EXPO-TÚNELES
23 al 26 de marzo de 2010
Hotel Sheraton Retiro de Buenos Aires, Argentina.



International Seminar on Tunnels and ITS Applications

23-26 March 2010 in Buenos Aires

The PIARC Technical Committee "C4 Road Tunnel Operations" in conjunction with ITS Argentina will hold an International Seminar on Tunnels and ITS Applications. This will be held in Buenos Aires, Argentina, from 23 to 26 March 2010 at the Sheraton Hotel & Convention Centre. The seminar will provide a forum for the promotion of tunnel technologies, exchange of knowledge, ideas and proposals from professionals, businesses and government authorities and permit sharing experiences.

Topics include:

- Road safety in tunnels
- Tunnel construction methods
- Integration and data exchange of control centers
- Evaluation of ITS projects
- Standardization and certification of ITS systems
- Management of emergency situations with the assistance of ITS
- Technological Innovations

The seminar will also feature an exhibition of products and services to complement the presentations.
More information is available at: www.seminariodetuneles.com

AUSTRIA

5th International Conference on Tunnel Safety and Ventilation

New Developments in Tunnel Safety

3 - 5 May 2010, Graz (Austria)

The focus of this conference, organized by the Institute of Thermodynamics and Combustion Engines of Graz University of Technology and supported by the Austrian National Committee of PIARC and the National Research Association for Roads and Rail, will be on:



- digital image processing and data transfer (bus-technologies),
- tunnel operation,
- tunnel ventilation design, emission factors,
- fire fighting, rescue,
- risk management, incident and fire detection,
- sensors, measurement and detection technologies.

For more information visit: www.tunnel-graz.at



ITA 2010 WORLD TUNNEL CONGRESS

ITA 2010 World Tunnel Congress

14-20 May 2010 in Vancouver



The ITA 2010 World Tunnel Congress and the 36th General Assembly will be held at the new Vancouver Convention Centre which is located along Burrard Inlet in the Coal Harbour area of downtown Vancouver, Canada. The new VCC is currently under expansion for the 2010 Winter Olympics and Paralympics in Vancouver.

Information: www.wtc2010.org

ITA·AITES 2010

WORLD TUNNEL
CONGRESS

AND 36TH GENERAL ASSEMBLY

CONGRÈS MONDIAL
DES TUNNELS

ET 36^E ASSEMBLÉE GÉNÉRALE

WELCOME

BIENVENUE

TUNNELVISION
TOWARDS 2020

VISION 2020
POUR LES TUNNELS



VANCOUVER, CANADA
MAY, 14-20, MAI, 2010



FRANCE

Interoute & Ville 2010: serving the road community

26-28 October 2010 in Metz



Road administrations, local authorities, enterprises and institutional bodies tasked with transport infrastructure and town planning... they will all be represented at INTERROUTE&VILLE - the year's major road community event, taking place in Metz on 26, 27 and 28 October 2010.

This event is held every two years in France in a different location and attracts nearly 7000 professional visitors, 700 convention attendees and 300 exhibitors.

- Nearly 300 industry professionals and professional bodies will be there this year, showcasing all the latest developments in the areas of road infrastructure and urban transport.
- Surveys and design - Materials - Equipment for building, maintaining and operating roads and networks - Vehicles - Signage and safety - Public road network and open spaces development - IT, engineering and other services associated with operating transport infrastructures - Health, safety and working conditions - Communications and press
- The main theme of the convention will be: "Transport infrastructures and sustainable mobility: the challenges and outlook for the territories."



The convention will be an opportunity for debate, sharing experiences and discussing the problems that the road community is facing as it takes up the challenge of sustainable mobility and development across the country.

The expertise at INTERROUTE&VILLE lies in the involvement of the various industry professionals who are sponsoring the event:

- The French Ministry of Ecology, Energy, Sustainable development and the Sea (MEEDDM)
- Local organisations: The Association of French Départements (ADF), the Association of Managers of Regional Technical Services (ADSTD).
- Business players: Road Technology Association (ATR), Syntec Ingénierie.

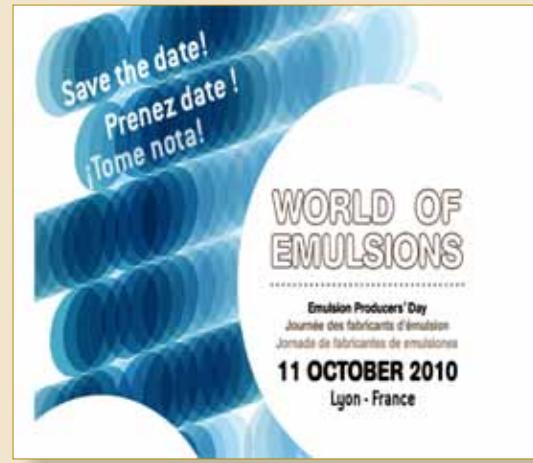
And the support of PIARC - the French National Committee of the World Road Association, which is partnering the event.

For more information: www.interoute-ville.com

SUBMISSION OF PAPERS

World Congress on Emulsions

12-14 October 2010 in Lyon (France)



Every 4 years for the past 15 years, the World Congress on Emulsions has been bringing together researchers, formulators and producers from universities and industries, involved in work on emulsions. For this 5th Congress, in order to enable each participant to get the most out of this professional gathering, the Congress has been extended over three days: from 12 to 14 October 2010.

The deadline for the submission of papers and for registration with preferential conditions is 30 April 2010.

Register at: www.cme-emulsion.com

GERMANY

German Road and Transportation Congress with the exhibition 'Road and Transport 2010'

15-17 September 2010 in Mannheim (Germany)

The German Road and Transportation Research Association (FGSV) cordially invites professionals working in the road transport sector to attend the **German Road and Transportation Congress 2010** and the **exhibition 'Road and Transport 2010'** at the Congress Center Rosengarten in Mannheim.



Forschungsgesellschaft
für Straßen- und
Verkehrswesen e.V.



Both events will run from 15 to 17 September 2010. In addition to keynote speeches on the pros and cons of 'user financing', there will be a series of lectures on the following topics:

- traffic planning
- road design
- traffic management
- infrastructure management, large-scale maintenance
- unbound pavements, cobble stone pavements
- asphalt pavements
- concrete pavements

For more information, please do not hesitate to contact the German Road and Transportation Research Association "Forschungsgesellschaft für Straßen- und Verkehrswesen e.V. (FGSV)" www.fgsv.de

PORTUGAL

16th IRF (International Road Federation) World Meeting *Sharing the road*

25-28 May 2010 in Lisbon (Portugal)



The 16th IRF World Meeting will be held in Lisbon from 25 to 28 May 2010, and will be attended by major international players from the road sector. Roads and their users, the role of roads in trade and daily life, roads and their impact on society; these are issues needing answers, both now and in the future. The aim of the 16th IRF World Meeting is to provide a forum for debates, discussions and proposals leading to tomorrow's solutions.

Situated in the heart of the congress hall, the exhibition will offer an ideal setting for formal and informal exchanges. It will welcome companies and organisations from the various branches of the road sector (construction and maintenance, equipment, vertical and horizontal signs, urban fittings, automotive manufacturing, tire industry, ITS technology, toll systems, road emergency systems and road safety facilities, engineering companies, parking systems, training, etc.).

A joint session with PIARC

In the course of the Congress, IRF and PIARC will be joining forces to lead a joint half-day workshop entitled "Space for Dialogue" on continuous education for road managers and supervisors in the public and private sectors, in an effort to harmonise knowledge and best practices.

Visit: www.irf2010.com





ROMANIA

XIIIth National Congress of Roads and Bridges

15th - 17th September 2010 in Poiana Brasov (Romania)

The XIIIth National Romanian Congress of Roads and Bridges will be held in Poiana Brasov.
The congress will cover the themes:

- Sustainability of the Road Transport System
- Improving the Provision of Services
- Safety of the Road System
- Quality of Road Infrastructure

A technical exhibition and an accompanying persons' programme will be provided.

Further information and the Circular No.1 are available at: www.apdp.ro



SPAIN

Conference on Singular Bridge Foundations

23th March 2010 in A Coruña (Spain)

Under the name "Singular Bridges Foundations", the Technical Committee on Geotechnics of the Technical Association of Roads and the Spanish National Committee of PIARC, is organizing the second call of this conference because of the success it had in the first call in A Coruña on 22 April 2009.

The day will aim to gather the knowledge of professionals on design, construction and maintenance of bridges. It provides the opportunity for open communication on these issues.

Following in the tradition of the conferences, a new publication will be produced by the Spanish National Committee.

Information at: www.atc-piarc.com

SWITZERLAND



Swiss Exhibition for transport infrastructure -TRANSINFRA

9-12 March 2010 in Freiburg

TRANSINFRA, the Swiss Exhibition for transport infrastructure will be held, for the first time, from Tuesday 9 to Friday, March 12 2010, at the Freiburg exhibition centre and congress Forum.

TRANSINFRA is the only event taking place in the field of road, railway and airport infrastructure. It provides a platform for professionals in all areas of public works. It is a unique venue to showcase your products and attract a new audience, maintain your network of relationships and establish new contacts in a perfect environment.

TRANSINFRA is:

- An exhibition where companies from the transport infrastructure sector present their products and services; and
- A forum for news conferences and the discussion of future prospects in this sector.

In addition, it offers an accompanying programme of visits to the major sites of the midland region.

More information: <http://transinfra.ch/>



Other NC activities and examples of good practice

ANNUAL CONFERENCE OF NATIONAL COMMITTEES

Founded in 1909, the World Road Association PIARC celebrated its centenary in 2009. The "Anniversary-Logo" stood as a pivotal symbol for the start of this celebratory year. During the past 100 years, the Association has developed from a group of road engineers to an international leading forum for the exchange of ideas and know-how within the road and transport sector. With its virtual library, online access to lexicons and dictionaries, the WIN-network, training courses, technology transfer centres throughout the world, seminar programme for technological exchange and its outstanding major congresses, the World Road Association is more attractive for road and transport professionals than ever before.

PIARC National Committees play an important role in this centenary celebration and contributed through various actions and activities. We highlight the outstanding actions of PIARC National Committees in the past 4 issues of the newsletter. Now, at the start of year one after the centenary it is time to summarize these activities in a brief overview and make an outlook on future orientation.

24 National Committees (NC's) representing 30 countries around the world reported on centenary actions within their country. Most of them used National seminars and congresses as well as international seminars hosted by their country to promote the work of PIARC and the benefits derived from membership. Presentations, discussion forums, study days and social events were organized on that occasion.

16 committees produced particular centenary brochures or published contributions on the PIARC centenary in national road and transport magazines or their own newsletters. The anniversary year was also used to collect historical material and detail reunions between recent representatives and senior members. A number of NCs invited the PIARC president or Secretary General to present "centenary" speeches at their conferences and congresses.

Many of the individual websites of NCs have been up-dated on the occasion of this celebratory year and all NCs updated their logo with the centenary information. One committee produced a movable banner-display to promote PIARC activities at all its events. The Korean National Committee took the opportunity of hosting the PIARC Annual Meetings and the REAAA Conference in September 2009 in Incheon to promote the work of PIARC to a forum of 1500 road experts from Asia and other parts of the world. In Australia and Mexico the PIARC celebrations were held in conjunction with the national 20-year celebrations of Austroads and the 35th anniversary of AMVITAC.

Within this celebratory year a series of new contacts could be established with countries outside the association as well as further strengthen ties with existing members and First Delegates, in order to create new National Committees as a link between the Association and the national road experts. In the future, new Memorandums of Understanding with organisations acting as National Committees will be developed and put into practice to intensify and strengthen the co-operation of PIARC with national bodies. All these actions will only serve to strengthen the position of PIARC's NCs in order to fulfil their important role in channelling information between the national and international community of road and transport experts.



Further information: friedrich.zotter@bmvit.gv.at

FRANCE



French National Committees representation at the Quebec Winter Road Congress

The French National Committee launched a national snow-plough competition in autumn 2009 and awarded 3 winners who represented France in the international competition organised within the 13th International Winter Road Congress, 8th-11th February in Quebec City.

The meeting point for all French winter maintenance professionals from the public and private sector was the French pavilion within the exhibition hall of the congress. Upon invitation, a cocktail reunion was provided for national and international experts.

Contact: Yolande Daniel cf-aipcr@lcpf.fr



ITALY

On November 18, 2009, an International Seminar on the theme of Road Safety, entitled "Road Tunnel Safety: State of the Art in the Alpine Countries" was organized by the Italian National Committee of PIARC in conjunction with Fastigi and SIG. The presence of international speakers made this event an important moment of cultural and technical interchange on the state of the art application of Directive 2004/54/EC in the European context.



The Italian National Committee, jointly with the Technical Committee C4 "Operation of Road Tunnels" chaired by Mr. Antonio Valente, furthermore organized a Seminar on the Management of Road Tunnels. The document "Guidance on planning for safety in road tunnels under laws in force" was presented.

Agristrade SpA hosted the 41st International Meeting on winter roads from December 10 to 13, in Munich, chaired by Ms. Maria Pia Cerciello - Vice President of CNI - PIARC - where the prototype of the new mobile device "Firestorm" was shown.



NORDIC ROAD ASSOCIATION (NVF)

Reports from NVF's representative in PIARC's Central Office

Johanne Solheim from Norway is now representing NVF in PIARC's central office. She sends reports every third month about her work there. The reports can be found at www.nvfnorden.org

NC Publications and software

ARGENTINA



**XV CONGRESO ARGENTINO DE VIALIDAD Y TRANSITO
VIII CONGRESO INTERNACIONAL ITS
6^a EXPOVIAL ARGENTINA
NH GRAN HOTEL PROVINCIAL**
14 AL 18 DE SEPTIEMBRE DE 2009 | MAR DEL PLATA | BUENOS AIRES | ARGENTINA



Proceedings of the XV Argentine Road Congress 2009

The congress proceedings and power-point presentations of the XV Argentine Road Congress, held in September 2009 in Buenos Aires, are now available on DVD.

Please contact staddeo@aacarreteras.org.ar or visit www.congresodevialidad.org.ar



AUSTRALIA AND NEW ZEALAND

Latest Austroads Publications



Road Safety Engineering Risk Assessment - Part 7: Crash Rates Database

This project forms part of a major Austroads strategic research program to improve the understanding of the relationships between crash risk, road infrastructure and traffic operations. A crash rates database was created for all Australian jurisdictions combining crash information with road feature and traffic flow data, thus providing a platform for detailed analysis of crash risks. The objectives of the project were to develop road section and intersection crash ra... [See more details...](#)

Impact of Lower Speed Limits for Road Safety on Network Operations

This project achieved the objective of consolidating the available research on the impacts of lower speed limits on network operations. It extended this knowledge to bridge an identified knowledge gap regarding urban arterial roads by modelling the impacts of a substantial speed limit reduction on various network performance indicators, including traffic flow indicators, air pollutant emissions, fuel use and casualty crashes during peak traffic periods. Total social cost... [See more details...](#)

Road Safety Engineering Risk Assessment Part 5: Review of Crashes on Unsealed Roads

A large proportion of the road network in Australia and New Zealand is unsealed (58% in Australia, 36% in New Zealand). It is important to understand what factors lead to the occurrence of crashes in this environment, and what measures may be undertaken to minimise them. This study involved a literature review and internet search, crash data analysis, workshop and site inspections of a number of unsealed road crash locations. The aim was to assess the incidence and sev... [See more details...](#)

Documents for free download at: www.onlinepublications.austroads.com.au





CANADA QUEBEC

Bulletins

The quarterly bulletins of the Québec National Committee are available on www.aqtr.qc.ca for free download.

FRANCE



The Letter of the National French Committee

Published since November 2000, the letter informs about the professional life of the Association: events, publications and activities of working groups (technical committees and mirror(s) committees) are the subject of regular columns.

Latest issues are available at: www.cf-aipcr.org

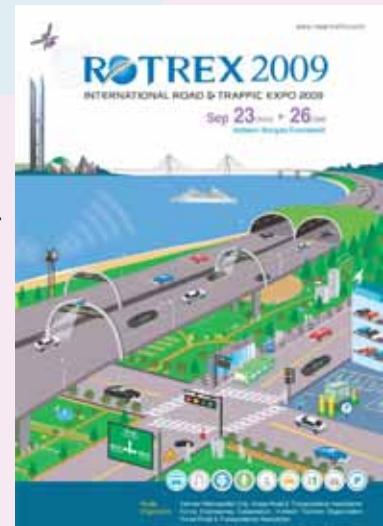


Korea Expressway Corporation

KOREA

A summary report on the International Road Traffic Expo ROTREX 2009, the 13th REAAA Conference and the 2009 PIARC meetings held in Incheon in September 2009 has been published by the Korean Expressway Corporation in the 8th edition of its newsletter.

To obtain the information write to: intl@ex.co.kr



SPAIN



Proceedings of the Vth Symposium on Road Tunnels

24-26 February 2010 in Bilbao (Spain)

The Spanish National Committee (Asociación Técnica de Carreteras) organized the V Symposium on Road Tunnel with the main theme: "Security for the tunnels of the XXI century" in February 2010 in the city of Bilbao, where currently the construction of 5 important tunnels is under progress. A publication of the lectures, covering risk analysis, managers at different stages, ventilation systems, fire control, suppression systems, repair and rehabilitation, pavements, contingency plans, operating manuals and the integration and standardization of facilities and equipment is under preparation and will be edited by the Spanish National Committee.

Have a look at: www.atc-piarc.com and www.congresosatcpiarc.es



PIARC Congresses

24TH WORLD ROAD CONGRESS

26 – 30 September 2011, Mexico City

The XXI st World Road Congress of the World Road Association will be held in Mexico City from 26 to 30 September 2011 at the Byname Conference Center. Bulletin 1 of the congress is ready now for download at the website of the congress:

www.aipcrmexico2011.org

For further information please contact:

r felix@aipcrmexico2011.org



14th International Winter Road Congress 2014

4-7 February in Andorra la Vella (Andorra)



The 14th International Winter Road Congress in 2014 will be held in Andorra la Vella. With its privileged geographical situation and unsurpassable climatic conditions Andorra is the perfect setting for holding this important congress on winter service. A website for the congress has been created.

Visit: www.aipcrandorra2014.org

Your opinions and comments to

Friedrich Zotter: friedrich.zotter@bmvit.gv.at