

**PIARC INTERNATIONAL SEMINAR
MAY 9th - 10th
PANAMERICANO HOTEL**

TECHNICAL PROGRAM

MONDAY, MAY 9TH

TIME

CONFERENCES

8:00-10:00

Accreditation

9:30-10:00

**GENERAL OPENING CEREMONY
Río Paraná Saloon**

**"LATEST ADVANCEMENTS IN CONCRETE PAVEMENT DESIGN AND CONSTRUCTION" SEMINAR OPENING
Amazonas Saloon**

10:15-11:00

Seminar Opening
M. Enrique Romero - Director of the Instituto del Cemento Portland Argentino
Raymond Debroux - Chair of PIARC D2c Technical Committee "Concrete Pavements"

The Main Conclusions of the 11th International Symposium on Concrete Pavements
Carlos Jofré - Technical Director of the Instituto Español del Cemento y sus Aplicaciones. Member of PIARC D2c Technical Committee "Concrete Pavements" (SPAIN)

11:00-11:30 *Coffee Break*

**Technical Session I: DESIGN AND CONSTRUCTION OF LONG LIFE CONCRETE PAVEMENTS
Amazonas Saloon**

Chairman: Marcelo Bustos

Long Life Concrete Pavements, Sustainable Concrete Pavement Practices and Two – Lift (Double Layer) Concrete Pavements
Suneel Vanikar. Federal Highway Administration. Member of PIARC D2c Technical Committee "Concrete Pavements" (USA)

11:30-13:30

History of Design and Construction Practice of CRCP in Belgium
Luc Rens. Managing Director of the European Concrete Paving Association (EUPAVE). Member of PIARC D2c Technical Committee "Concrete Pavements" (BELGIUM)

Draining Concrete Pavements
Anne Beeldens. Belgian Road Research Centre (BRRC). Member of PIARC D2c Technical Committee "Concrete Pavements" (BELGIUM)

Technical Session I Discussion

13:30-15:00 *Lunch (Free)*

**Technical Session II: "THE SUSTAINABILITY OF CONCRETE PAVEMENTS"
Amazonas Saloon**

Chairman: Carlos Brunatti

15:00-16:30

Future Expansion of Concrete Pavement in Europe: Life Cycle Assessment in the New Bidding Procedures
Aniceto Zaragoza Ramirez. President of the European Concrete Paving Association (EUPAVE) and General Director of OFICEMEN (SPAIN)

Considerations about Pavement Construction in Mexico
Luis García Chowell. Technical Manager of the Instituto Mexicano del Cemento y del Concreto (MEXICO)

Technical Session II Discussion

16:30-17:00 *Coffee Break*

**Technical Session III: "LATEST ADVANCEMENTS IN THE SURFACE CHARACTERISTICS OF CONCRETE PAVEMENTS"
Amazonas Saloon**

Chairman: Eduardo Marcolini

Roughness as a Quality Parameter of Concrete Pavements
Jorge Páramo, Hugo Poncino. Instituto de Mecánica Aplicada y Estructuras. Facultad de Ciencias Exactas, Ingeniería y Agrimensura. Universidad Nacional de Rosario (ARGENTINA)

17:00-19:00

Concrete Pavement Surfaces in Germany. Standard and Innovation for New Construction and Rehabilitation.
Stefan Höller. Federal Highway Research Institute. Member of PIARC D2c Technical Committee "Concrete Pavements" (GERMANY)

Exposed Aggregate Concrete. Experiences in Germany. Noise Reduction on Concrete Surfaces
Ralf-Alte Teigeler. Otto Alte-Teigeler International. Member of PIARC D2c Technical Committee "Concrete Pavements" (GERMANY)

Finely Graded Surface Concrete (FGSC) a Sustainable Solution for Exposed-Aggregate Concrete
Thierry Sedran. François de Larrard. French Institute of Science and Technology for Transport, Development and Networks. Thierry Sedran is the French Secretary of PIARC D2c Technical Committee "Concrete Pavements" (FRANCE)

Technical Session III Discussion

19:00-20:30 *Welcome Cocktail*

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TUESDAY, MAY 10TH

TIME

CONFERENCES

Technical Session IV: "INSTRUMENTATION, EVALUATION AND REPAIR OF CONCRETE PAVEMENT"
Amazonas Saloon

Chairman: Edgardo Souza

9:00-11:00

Instrumentation and Control of Rigid Pavements in The Bolivian Highlands.
Rosendo Soruco Zegada. Technical Manager of the Instituto Boliviano del Cemento y el Hormigón (BOLIVIA)

Fwd Auscultation and Application to Concrete Pavement Renovation
Sergio Perez. Belgian Road Research Centre (BRRC). Member of PIARC D2c Technical Committee "Concrete Pavements" (BELGIUM)

The Use of Innovative Technologies to Facilitate Rapid Repair of Concrete Pavements
Hennie Kotzé. South African National Roads Agency. Member of PIARC D2c Technical Committee "Concrete Pavements" (SOUTH AFRICA)

Technical Session IV Discussion

11:00-11:30 *Coffee Break*

Technical Session V: "TECHNICAL SOLUTIONS FOR THE REHABILITATION OF FLEXIBLE PAVEMENTS"
Amazonas Saloon

Chairman: Mario Aubert

11:30-13:30

Experience in Uruguay: Whitetopping Rehabilitation Project in National Road N° 24
María Magdalena Pastorini. Departamento de Carreteras. Dirección Nacional de Vialidad. Ministerio de Transporte y Obras Públicas del Uruguay (URUGUAY)

Recent Whitetopping Experiences in Argentina. Project Background and Evaluation Of Performance in Service
Diego Calo, Sergio Fernández, Edgardo Souza. Technical Department of the Instituto del Cemento Portland Argentino (ARGENTINA)

Ecovias: Recycled Pavement
William Olivero. Head of Soil and Pavement Division of the Technology Center of Cementos Progreso (GUATEMALA)

Technical Session IV Discussion

13:30-15:00 *Lunch (Free)*

Technical Session VI: "EVOLUTION AND DEVELOPMENT OF CONCRETE PAVEMENTS IN LATIN AMERICA"
Amazonas Saloon

Chairman: Luis Fernandez Luco

15:00-16:30

Concrete Pavements in El Salvador
Rafael Alejandro Gonzalez. Executive Director of the Instituto Salvadoreño del Cemento y del Concreto (EL SALVADOR)

The Advancement of Concrete Paving in Brazil
Ronaldo Vizzoni. Infrastructure Manager of the Associação Brasileira de Cemento Portland (BRAZIL)

Technical Session IV Discussion

16:30-17:00 *Coffee Break*

Technical Session VII: "INNOVATIVE TECHNICAL SOLUTIONS"
Amazonas Saloon

Chairman: Carlos Jofré

17:00-19:00

Analysis and Prediction of Behaviour of Semi-Rigid Pavement of Small Concrete Slabs
Mauricio Salgado. Paving Area Manager of the Instituto del Cemento y del hormigón de Chile (CHILE)

Ultra-Thin CRCP
Hennie Kotzé. South African National Roads Agency. Member of PIARC D2c Technical Committee "Concrete Pavements" (SOUTH AFRICA)

High Performance Carpet and High Performance Cementitious Surface Dressing: Two Innovative Solutions for Long Lasting Pavements
Thierry Sedran. François de Larrard. French Institute of Science and Technology for Transport, Development and Networks. Thierry Sedran is the French Secretary of PIARC D2c Technical Committee "Concrete Pavements" (FRANCE)

Technical Session IV Discussion

19:00-19:30 *Closing Ceremony*