



**FIRST ANNOUNCEMENT**



# **VIII** INTERNATIONAL BRIDGE SEMINAR

Sustainability and Bridge Technology  
**A Vision for the Future**

**October 21-23, 2026**  
Mérida, Yucatán, Mexico

**Yucatán International Convention Center**

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**CENTRO  
INTERNACIONAL  
DE CONGRESOS  
DE YUCATÁN**



**Comunicaciones**

Secretaría de Infraestructura, Comunicaciones y Transportes

# Welcome Message

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The Mexican Association of Land Transport Engineering, A.C. (AMIVTAC), through its Technical Committee on Bridges, is honored to invite the technical, academic, and professional community of the sector to participate in the 8th International Bridge Seminar, to be held this coming October in the city of Mérida, Mexico.

Throughout its previous editions, this seminar has established itself as one of the country's most important technical gatherings on the design, construction, rehabilitation, maintenance, and resilience of road bridges, bringing together specialists, researchers, and professionals from Mexico and abroad to exchange knowledge, experiences, and best practices.

On this occasion, the event will feature the valuable participation of PIARC (World Road Association), particularly Technical Committee 4.2 "Bridges," which will enrich the technical dialogue with international perspectives on the latest advances in bridge inspection, management, technological innovation, and rehabilitation.

The program will include keynote lectures, technical presentations, and discussion sessions, featuring prominent experts from leading countries in road infrastructure, who will share global trends and innovative solutions to the sector's current challenges.

This seminar represents an excellent opportunity to strengthen professional ties, update knowledge, and participate in a high-level technical forum focused on the development of safer, more sustainable, and more resilient road infrastructure.

We look forward to seeing you in Mérida, Mexico, to be part of this important international gathering.

M.I. Juan José Orozco y Orozco  
Presidente  
XXVI Board of Directors AMIVTAC

# AMIVTAC Technical Committee on Bridges

The Technical Committee on Bridges of the Mexican Association of Land Transport Engineering, A.C. (AMIVTAC) is one of the association's specialized technical committees and brings together professionals from the public, private, and academic sectors dedicated to the analysis and development of solutions in the design, construction, inspection, maintenance, and rehabilitation of road bridges.

This committee serves as a leading forum for the bridge engineering community in Mexico, promoting technical excellence, innovation, and the resilience of road infrastructure. Its work is focused on fostering knowledge exchange, disseminating best practices, and encouraging collaboration among specialists in the field, thereby contributing to the strengthening and modernization of the country's bridge infrastructure.

Among its main activities are the organization of specialized seminars, participation in technical forums, and the preparation of technical articles and reference publications, such as the Bridge Design Manual and the Bridge Scouring Manual—documents that have become highly useful technical tools for professionals in the sector.

The committee also works closely with PIARC (World Road Association) through its Technical Committee 4.2 "Bridges," an international group that brings together experts from various countries to analyze issues related to the design, structural assessment, inspection, asset management, resilience, and rehabilitation of road bridges. This committee works on producing technical reports, recommendations, and comparative studies that serve as a reference for highway authorities and professionals worldwide.

The collaboration between the two organizations is strengthened by the fact that AMIVTAC has served as the Mexican National Committee of PIARC since 2005, which allows for the incorporation of international experiences, global standards, and technological advancements into the association's events, seminars, and technical publications.

## PIARC Technical Committee 4.2

Bridge owners and managers face a growing number of challenges. Bridges are aging and are often subjected to operating conditions and environments that are more severe than those anticipated during their design. Furthermore, some design approaches or codes currently in use are limited in their ability to accommodate or adapt to these challenges. In many countries, new causes of deterioration or damage are emerging almost routinely and require vigilant attention from managers, especially when the design of structures or routes is not redundant. This is often the case with the causes of deterioration and damage affecting grout-filled post-tensioned bridges. Therefore, this topic, which is addressed by Technical Committee 4.2 "Bridges," will be the focus of special attention in this cycle.

# Technical Program

Time		October 20, 2026
Start	End	
16:00	19:00	Registration
19:00	22:00	Welcome Cocktail
<b>October 21, 2026</b>		
08:00	14:00	Registration
09:00	09:30	Opening Ceremony / Remarks by Local Officials
09:30	10:15	Keynote Address by Secretary Jesús Antonio Esteva Medina, M.A.
10:15	10:30	<b>Rubén Frías Aldaraca (Mexico)</b> Presentation by the National Technical Committee
10:30	10:45	<b>Nicolás Bardou (France)</b> Presentation of the International Committee
10:45	11:00	<b>Emanuela Stocchi (Italy)</b> , PIARC President
11:00	11:30	Opening and Tour of the Expo
<b>Technical Session 1: Long-Span Bridges, Rehabilitation, Scouring</b>		
11:30	12:15	<b>Zhu Yan (China)</b> , Changtai Yangtze River Bridge
12:15	13:00	<b>Pablo Vilchez (Spain)</b> / Rehabilitation of the Guinguada Viaduct: Problems : with External and Internal Prestressing and Reinforcement with Extradosed Prestressing
13:00	13:45	<b>Anadiana Gómez Hernández (Mexico)</b> Undermining of Bridges in Mexico: Causes, Mechanisms, and Challenges for Infrastructure Resilience
13:45	14:30	Break
<b>Technical Session 2: Artificial Intelligence, Monitoring, and Inspection</b>		
14:30	15:15	<b>Juan Antonio Quintana (Mexico)</b> , Experience in Instrumentation of Mexican Bridges
15:15	16:00	<b>Farhad Ansari, (EE.UU)</b> Artificial Intelligence Applied to Monitoring Data
16:00	16:45	<b>Jing Qiang (China)</b> , Hong Kong Zhuai-Macao Bridge
16:45	17:30	<b>Shahid Islam (EE.UU)</b> Innovative Post-tensioning Systems for Bridges in our infrastructures
17:30	17:45	Break
17:45	18:15	Discussion Forum 1
18:15	20:00	Expo Hall / Complimentary cocktail reception hosted by exhibitors

# Technical Program

October 22, 2026		
<b>Technical Session 3: Resilience, Redundancy, Forensic Engineering, Bridge Retrofitting, Low-Carbon Materials</b>		
09:00	09:30	<b>Nicolás Bardou</b> (FRANCE), Chair of the TC4.2, Bridge Maintenance in France
09:30	10:00	<b>Heungbae Gil</b> , (South Korea), AI and Monitoring in Korea
10:00	10:30	<b>Kazuo ENDO</b> (Japan), Reducing the Carbon Footprint in Bridges
10:30	11:00	<b>Pierre Gilles</b> (Belgium)- <b>Martín Pollimani</b> (Argentina) Presentation of Case Studies in Forensic Engineering
11:00	11:30	<b>Marta Pertierra</b> (Spain)- <b>Emilio Criado Morán</b> (Spain) Bridge Management in Spain
11:30	12:00	<b>Matej Kusar</b> (Slovenia) Corrosion in Prestressed Bridges
12:00	13:00	Break
<b>Technical Session 4: Seismic Engineering, Climate Change, Durability, and Standards</b>		
13:00	13:45	<b>Joseph (Joey) L. Hartmann (EE.UU.)</b> Regulations in the U.S.
13:45	14:30	<b>Luis Pinto Carvalho</b> (Portugal) Operational resilience in bridges through displacement and energy control
14:30	15:15	<b>Darío Rivera Vargas</b> (Mexico), Key Considerations in Developing Regulations for Bridge Design and Construction
15:15	16:00	<b>Andrés Torres Acosta</b> (México) The Dilemma of Green Cement for Low-Carbon Concrete: Is Durability at Risk?
16:00	16:30	Discussion Forum 2
16:30	16:45	Presentation of the "Modesto Armijo Mejía" Award
16:45	17:30	Closing Ceremony / Closing Remarks by Local Authorities
18:00	20:00	Closing Dinner
<b>23 de octubre 2026</b>		
09:00	10:00	Transfer to Progreso
10:00	12:00	Technical visit to the Progreso Viaduct
12:00	13:00	Return to Mérida

## Fees

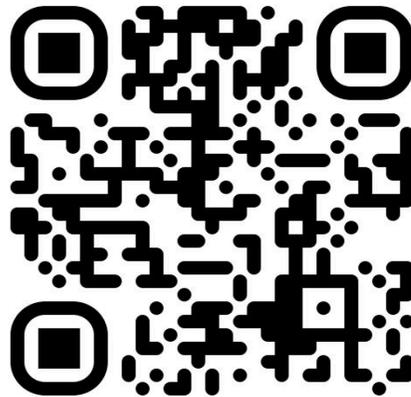
Fees in Mexican pesos (MXN). Taxes included.

Member	\$6,380.00
Non-Member	\$7,660.00
Undergraduate Engineering Students*	\$2,900.00
Faculty**	\$3,480.00
Accompanying Persons	\$3,850.00

\* Valid civil engineering degree  
\*\* Valid ID card or most recent pay stub

Limited enrollment

## Registration



Check out our social media:



AMIVTACmx

[www.puentes.amivtac.org](http://www.puentes.amivtac.org)

## Venue

### Yucatán International Convention Center

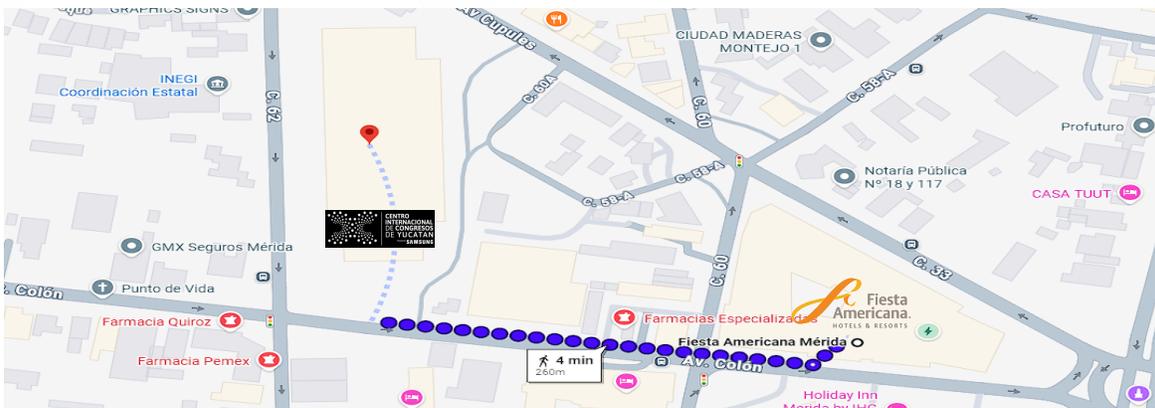
Avenida Colón and C. 62 294, between Av. Cupules, Downtown, 97000 Mérida, Yuc.



## Host Hotel

### Fiesta Americana Mérida

Paseo Montejo, Av. Colón, C. 56-A 451, Centro, 97000 Mérida, Yuc.



## Organizing Committee

**Rubén Frías Aldaraca**  
Chair of the Technical Committee on Bridges (AMIVTAC)

**Francisco Javier Carrión Viramontes**  
General Director of the VIII SIP

**Oscar Osiris Aguilar González**  
**Juan Antonio Quintana Rodríguez**  
Technical Director

**Carlos Alberto Correa Herrejón**  
Director of Finance

**Cinthia Janeth Méndez Soto**  
Director of Sponsorship

**Jorge Monforte Alarcón**  
Director of Outreach and PIARC Relations

**Luis Rojas Nieto**  
PIARC Relations

**Alberto Morales Lozada**  
Director of Logistics

**Luis Manuel Pimentel Miranda**  
Director of the Local Committee (Yucatán)

## XXVI EXECUTIVE COMMITTEE

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President

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Vice President 1

**Luis Manuel Pimentel Miranda**  
Vice President 2

**Carlos Alberto Correa Herrejón**  
Third Vice President

**Franco Reyes Severiano**  
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**Agustín Melo Jiménez**  
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**Erika Santillán León**  
Member 3

**Adriana Cardona Acosta**  
Member 4

**Alberto Mendoza Díaz**  
Member 5

**David Omar Calderón Hallal**  
Member 6

**José Antono Ramírez Culebro**  
Member 7

**Juan Carlos Miranda Hernández**  
Member 8

**Carlos Iván Martínez Guzmán**  
Member 9

**Cinthia Janeth Méndez Soto**  
Administrative and Logistics Manager