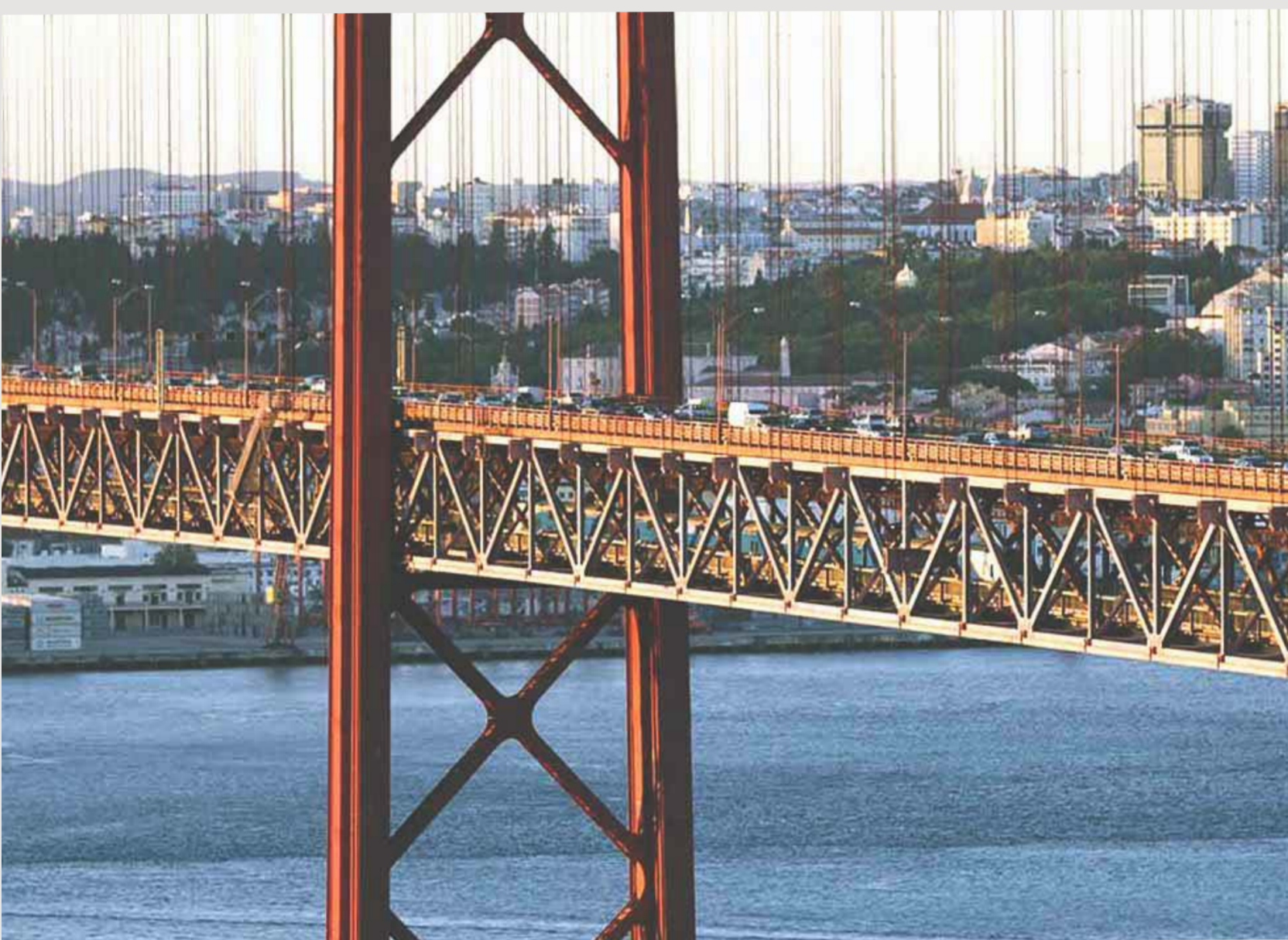


International Conference on Road Safety

Conferência Internacional sobre Segurança Rodoviária

**A commitment to the present
and a challenge for the future**

**Um compromisso do presente
e um desafio para o futuro**



The Safe System Approach

O Sistema do Transporte Seguro

Road Safety Policies and Programs

Políticas e Programas
de Segurança Rodoviária

The Role of Infrastructure in Road Safety

O Papel da Infraestrutura
na Segurança Rodoviária

New Trends and Technologies in Mobility: Impacts on Road Safety

Novas Tendências e Tecnologias na Mobilidade
e seus Impactos na Segurança Rodoviária

Technical Visit Ponte 25 de Abril “Pilar 7 Bridge Experience”

Visita técnica à Ponte 25 de Abril
“Experiência Pilar 7”

**19-20
April 2018
Lisbon, Portugal**

**19-20 Abril 2018
Lisboa**

Organised by / Organizado por



Venue
Local do Evento
GPS 38°40'41.0"N 9°10'33.8"W

Infraestruturas de Portugal
Campus do Pragal · Praça da Portagem . 2809-013 ALMADA
www.infraestruturasdeportugal.pt



International Conference on Road Safety

*A Commitment to the Present
and a Challenge for the Future*

Lisbon, Portugal, April 19-20, 2018

First Announcement

Organized by:

World Road Association (PIARC)

Infraestruturas de Portugal (IP)

Instituto da Mobilidade e dos Transportes (IMT)





Framework

In recent decades, Portugal has made major strides in reducing the number of road fatalities. 20 years ago Portugal had more than double of the European Union (EU) average of road fatalities per million inhabitants and today this difference has decreased by 92%, and we are now almost aligned with the EU average.

One of the factors that contributed most to these results was the strong investment made in the last 20 years in road infrastructures, namely in more than 3.200 km of roads with higher quality and safety, such as motorways, which allowed the increase in the execution of the National Road Plan, from 23 % to 74%.

According to the OECD database over the last two decades Portugal has invested around 24 billion euros in road infrastructure. These investments, together with an integrated road safety policy, had an important contribution on saving more than 18.000 lives and more than 50 billion euros in economic and social costs. This is clearly a benefit to the country and to the society: the savings resulting from the reduction in roads accidents is more than twice the cost of the road infrastructures investments.

As a result of these infrastructure investments, Portugal has now a road network with more quality, with more safety and with higher use, which allows the positioning of the road infrastructure as competitive advantage and a strategic asset for the future and for the new demands on mobility with electric, autonomous, connected and shared-used vehicles.

Despite the positive results the road fatalities in 2017 reversed the downward trend of the recent decades. There is still much work to be done and the Safe System approach,



that is based, among other things, on the acceptance of human error and in recognition that although accidents cannot be completely avoided, it is not acceptable for anyone to die or be seriously injured as a result of a road accident, is the way.

Road safety has been one of the major priorities in Portugal, and everyone has the right to use the road without the risk of getting involved in an accident that could result in serious or fatal injuries.

This International Conference on Road Safety: A commitment to the present and a challenge for the future, organized by the World Road Association (AIPCR), together with Infraestruturas de Portugal (IP) and *Instituto da Mobilidade e dos Transportes* (IMT) will bring together stakeholders at local and national level as well as national and international experts working on road safety that will share their experiences and results, and will address not only the Safe System approach and road safety policies , but also the role of the infrastructure and how the future trends in mobility and technology will impact on Road Safety.

Agenda

Thursday April 19th 2018: International Conference

Friday November 20th 2018: International Conference in the morning and Technical Visit in the afternoon.

Technical Visit "Pilar 7" Bridge Experience – 25th April Bridge





Location Infraestruturas de Portugal, Praça da Portagem, Almada, Portugal

About PIARC Program of International Conferences

The World Road Association (PIARC - Permanent International Association of Road Congresses) is a politically neutral and non-profit making association founded in 1909 that has members (Governments, Regional Authorities, Collective and Personal Members) in more than 140 countries. The organization is supported by National Committees in 38 countries, including Portugal.

PIARC is one of the world leader in the exchange of knowledge on roads and road transport policy and practices within an integrated sustainable transport context, organising international forums, disseminating best practice and promoting efficient tools for decision making in the road transport field.

In this connection PIARC:

- creates and coordinates Technical Committees,
- organizes a quadrennial World Road Congress, a quadrennial Winter Road Congress and various technical seminars and conferences
- and publishes a large number of documents including a quarterly magazine ("Routes/Roads")





The PIARC Road Safety Manual

The Road Safety Manual is a comprehensive resource freely available online (<http://roadsafety.piarc.org>) building on the broad range of knowledge and experience provided by PIARC experts. It includes new thinking on road safety and offers a clear argument on why adopting a Safe System approach is crucial for worldwide countries.

The Safe System approach aims for a more forgiving road system that takes human fallibility and vulnerability into account. Under the Safe System approach, everyone (public agencies, automobile manufacturers, road users, enforcement officials, and others) must share the responsibility for road safety outcomes. On April 15, 2016, the UN General Assembly and its Member States adopted the resolution A/70/L.44 on “*improving global road safety*”. This resolution reaffirms adoption and implementation of the Sustainable Development Goals even in the field of road safety, as outlined in the 2030 Agenda for Sustainable Development.

The mentioned A/70/L.44 resolution endorses the PIARC Road Safety Manual as “*an important international effort on road safety to offer guidance to officials at various levels on measures that can enhance the safety of road infrastructure*”. Such an institutional acknowledgment does not only draw attention to the Manual but also becomes a demanding task for all international PIARC experts who deal with this subject.





Technical Committee TC C.1: National Road Safety Policies and Programs

PIARC Technical Committee TC C.1 (National Road Safety Policies and Programs) deals with Road Safety Policies and Programs. The goal of this PIARC team, where Portugal is represented by Infraestruturas de Portugal (IP) is to promote the safety and efficiency of road transport, including the movement of people and goods on the network, while effectively and widely promulgating knowledge of all aspects of road safety and encouraging implementation of positive practices.

This Technical Committee (TC.C1) examines the policies and strategies underpinning safety investment decision making and strategies used to apply systematic road safety improvements to roads infrastructure. This work will be incorporated into the Road Safety Manual. This TC.C1 will also pursue efforts to disseminate and support the application of measures recommended in the Road Safety Manual, namely through conferences and workshops.

Who should attend?

The *PIARC International Conference on Road Safety: A commitment to the present and a challenge for the future*, is intended for government agencies officers, decision making executives from private to public road managers and operators in charge of the development and deployment of road safety and that are seeking to implement in their management *The Safe System* approach on the road transportation system in the present, as well as the challenges that lie ahead.





It is also devoted for technical staff involved in planning, programming, executing and overseeing road projects and road management, for university teachers, researchers and students interested in further exploring the topic of road safety management and concepts of *The Safe System* approach for road safety (engineering, psychology, economics, etc.).

Accommodation

VIP Grand Lisboa Hotel & Spa

Avenida 5 de Outubro, 197 | 1050-054 Lisboa - Portugal

Tel.: +351 210 435 000

PIARC discount – 90€ double room

To make a reservation, please send an e-mail to sarafonseca@viphotels.com and indicate that you are coming to the PIARC Conference

Private bus service provided from/to the hotel to the venue.





International Conference on Road Safety

A commitment to the present and a challenge for the future

April 19th

8:30AM - 9:00AM Conference Registration

9:00AM - 9:30AM **Welcome Address**

António Laranjo, Infraestruturas de Portugal (IP), CEO, Portugal

Eduardo Peralta Feio, Instituto da Mobilidade e Transportes (IMT), CEO, and first Portugal Delegate of PIARC, Portugal

Patrick Malléjacq, General Secretary of the World Road Association, PIARC, France

Roberto Arditi, Chairman of PIARC Technical Committee on Policies and Programs for Road Safety, SINA, Italy

Pedro Marques, Minister for Planning and Infrastructure, Portugal

9:30AM - 11:00AM **Journey 1: The Safe System Approach / O Sistema do Transporte Seguro**

Moderator: **Imelda Julies**, Project Manager of the South African National Roads Agency (SANRAL), South Africa

“Safe System State of the Art”, **Blair Turner**, Australian Road Research Board (ARRB), Principal Technology Leader, Australia

“Vision Zero and human factors design principles”, **Ruggero Ceci**, Swedish Transport Administration, Safety Advisor, Sweden

“Sustainable Safety - Targeting Zero Fatal Crashes”, **John Milton**, Washington State Department of Transportation,

Director of Quality Assurance and Transportation System Safety, USA

Discussion and Conclusions

11:00AM - 11:30AM Networking Break

11:30AM - 01:00PM **Journey 2: Road Safety Policies and Programs / Políticas e Programas de Segurança Rodoviária**

Moderator: **John Milton**, Washington State Department of Transportation, Director of Quality Assurance and Transportation System Safety, USA

“The Portuguese Road Safety Strategy 2020”, **Jorge Jacob**, Autoridade Nacional de Segurança Rodoviária (ANSR), CEO, Portugal

“Policies to unlock the win-win investment in safer infrastructure”, **Rob McInerney**, International Road Assessment Programme (iRAP), CEO, Australia

“Measures for Safer Roads in Spain”, **Ana Blanco**, General Directorate for Traffic, Associated Deputy Director for Traffic, Spain

“Plans for the safety of Iranian roads”, **Javad Hedayati**, General Manager of Iran Road Maintenance and Transportation Organization (RMTO), Iran

Discussion and Conclusions

01:00PM - 02:00PM Networking Lunch

02:00PM - 03:30PM **Journey 3: The Role of Infrastructure on Road Safety / O Papel da Infraestrutura na Segurança Rodoviária**

Moderator: **Dorota Marzyńska**, General Directorate for National Roads and Motorways (GDDKiA), Road Safety Specialist, Poland

“The Role of the infrastructure on Road Safety – The Portuguese Case”, **Ana Tomaz**, Road and Rail Safety Department Director, Infraestruturas de Portugal (IP), Portugal

“Highway Safety Improvement Program”, **Karen Scurry**, Federal Highway Administration (FHWA), Program Manager, USA

“A new conceptual design for the motorways of the future: perspectives of safety”, **Malika Seddi**, Association of Motorway and Facilities Concessionaire in France (ASFA), Director of International Affairs and Customer Service, France

“Introduction to Research on Light Environment of Expressway Tunnel for Safety & Energy-Saving Guizhou”,

Richard Stone/Lianfu Shi, Guizhou Transportation Planning Survey & Design Academe Co, Lta, Vice General Manager, China

Discussion and Conclusions

03:30PM - 04:00PM Networking Break

04:00PM - 05:30PM **Round Table: Effectiveness and Acceptance of Road Safety Policies and Programs / Eficácia e Aceitação das Políticas e Programas de Segurança Rodoviária**

Moderator: **António Pinelo**, Centro Rodoviário Português (CRP), VP, Portugal

April 20th

- 09:30AM - 11:00AM **Journey 4: New Trends and Technologies in Mobility: Impacts on Road Safety / Novas Tendências e Tecnologias na Mobilidade: Impactos na Segurança Rodoviária**
Moderator: **Laurent Carnis**, French Institute of Science and Technology for Transport, Development and Networks (IFSTTAR), Researcher, France
"C ROADS PORTUGAL - cooperative systems linking Citizens to Roads towards zero road safety fatalities", **Ricardo Tiago**, Instituto da Mobilidade e Transportes (IMT), Portugal
"Can Automated Vehicles and Smart Roads be the ultimate solution towards Vision Zero?", **Leonardo Annese**, ANAS, International Affairs Senior Officer, Italy
"Evolution of Polish road infrastructure toward safety", **Padło Przemysław**, General Directorate for National Roads and Motorways (GDDKiA), Road Safety Specialist, Poland
Discussion and Conclusions
- 11:00AM - 11:30AM Networking Break
- 11:30AM - 12:15AM **Round Table: New Roles of Transport Administrations and Infrastructure Managers with New Tendencies and Technologies on Mobility / Novas Funções das Administrações Rodoviárias e Gestores de Infraestruturas com a chegada das Novas Tendências e Tecnologias na Mobilidade**
Moderator: *to be confirmed*
- 12:15AM - 12:40AM **Conclusions of the Conference**
Moderators: **Roberto Arditi**, Chairman of PIARC Technical Committee on Policies and Programs for Road Safety, SINA, Italy
Ana Tomaz, Road and Rail Safety Department Director, Infraestruturas de Portugal (IP), Portugal
- 12:40AM - 01:00PM **Official Closing of the Conference**
António Laranjo, Infraestruturas de Portugal (IP), CEO, Portugal
Eduardo Peralta Feio, Instituto da Mobilidade e Transportes (IMT), CEO, Portugal
- 01:00PM - 02:00PM Networking Lunch
- 02:00PM - 05:00PM **Technical Visit**
Ponte 25 de Abril "Pilar 7 Bridge Experience"

For more information and registration:
<https://roadsafety-cnpce-piarc.webnode.pt>

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