



**PIARC International Seminar**  
**Safer Roads that Save Lives: The PIARC**  
**Contributions to the UN Targets and Initiatives**

**17<sup>th</sup> -19<sup>th</sup> October 2018**  
**Beijing, China**

# **Second Announcement**

**Organized by :**

**PIARC Technical Committee C.1 ‘National Road Safety Policies and Programs’**

**PIARC Technical Committee C.2 ‘Design and Operations of Safer Road Infrastructure’**

**Research Institute of Highway Ministry of Transport of China**

## Introduction

An estimated 100,000 people are killed or injured every day on the world's roads, with the cost of road trauma estimated at 2-5% of GDP in each country every year. In responding to this global challenge, UN agencies have established global road safety targets and progress is being tracked globally through initiatives by WHO and the Sustainable Mobility for All Initiative. The establishment of a UN Road Safety Fund is also being progressed to accelerate global action. Safer road and transport infrastructure will be key to saving lives and meeting the UN Sustainable Development Goals for Road Safety (Goal 3.6), Infrastructure Investment (Goal 9.1) and access to Safe and Sustainable transport (Goal 11.2).

The Chinese Government is leading the way with large scale investment in safer roads through the Highway Safety to Cherish Life initiative, provision for vulnerable road users in cities across China and through President Xi Jinping's commitment to the ambitious Belt and Road Initiative.

PIARC Members worldwide are also scaling up innovation and action to unlock the full potential of safer roads to save lives. For this exceptional event both PIARC Technical Committees on road safety will join to contribute to the whole program: Technical Committee C.1 "National Road Safety Policies and Programs" and Technical Committee C.2 "Design and Operations of Safer Road Infrastructure".

The International PIARC Seminar will be a showcase of global and local policy, strategy, investment, innovation and research success. Success that can be shared and duplicated around the world through resources such as the PIARC Road Safety Manual and the global PIARC Community.

Please join us in Beijing on Wednesday, the 17th of October, 2018. The seminar will be organized jointly with the PIARC TC C.1, TC C.2 and Research Institute of Highway Ministry of Transport of China (RIOH). It will bring together representatives of governments and related organizations as well as industry experts and researchers from many countries to share knowledge and expertise, to exchange ideas and experiences, to transfer information and technology and to study a wide range of issues for safer roads.

## Methodology

The sessions will be held in such a manner in order to optimize the time available for discussion of the themes, so as to generate dynamic and highly involved interchanges among the participants.

## Language

The official language of this seminar is English, and simultaneous interpreting to and from Chinese will be available during the seminar.

## Seminar Programme

The programme consists of opening and closing sessions, five technical sessions including round table discussion, and technical visit on Friday, the 19<sup>th</sup> October, 2018.

The 1 <sup>st</sup> day: 17 <sup>th</sup> Oct, 2018 ( Wednesday )		
Time	Content	Person in Charge
8:30-9:00	Conference Registration	
9:00-10:30	<u>Session I</u> <u>Welcome Address and Global Road Safety Policies and Partnerships</u>	Research Institute of Highway, Ministry of Transport of China (RIOH)
9:00-9:05	Welcome to China	WU Dejin (Director-General, the Highway Department of Ministry of Transport (MOT); First Delegate to PIARC from China)
9:05-9:10	Welcome and Introduction to PIARC	Jean-François CORTÉ (PIARC Strategic Theme Coordinator)
9:10-9:30	Overview of the PIARC Road Safety Manual	Roberto Arditi (PIARC C1 Committee Chair; Director of Scientific Affairs, SINA - Italy)
9:30-9:40	Launch of the Chinese Edition of the PIARC Road Safety Manual	Roberto Arditi
9:40-10:00	“One Map” - Risk Management of Road Transportation in China	Ping CHENG (Security Director, Ministry of Transport of China)
10:00-10:15	Global Road Safety and the UN Global Targets	Rob McInerney (PIARC C1 Secretary; CEO, iRAP - Australia)
10:15-10:30	China Road Safety Policy/Development/Future Prospects	Ruihua ZHAO (Deputy-Director, the Integrated Coordination Department of Ministry of Emergency Management of China)
10:30-11:00	Coffee Break	
11:00-12:30	<u>Session II</u> <u>Road Safety Policy and Strategy Leadership</u>	moderated by TC C1 – Laurent Carnis

		(PIARC C1 Secretary; Director of Research, IFSTTAR - France)
11:00-11:15	National Strategy on Road Safety and Awareness Program in South Africa	Imelda Julies (PIARC C1, Project Manager SANRAL - South Africa)
11:15-11:35	China Highway Safety to Cherish Life Initiative	Dr. Ronggui ZHOU (RIOH)
11:35-11:55	Global Road Safety Policies – PIARC Survey Results	Ana Tomaz (PIARC C1, Head of Road and Rail Safety Department of Infrastructure - Portugal)
11:55-12:15	Malaysian Policy Commitments for Safer Roads	Prof. Shaw Voon Wong (PIARC C2 Committee Chair, Director-General MIROS - Malaysia)
12:15-12:30	Sweden Vision Zero policy success and next steps	Ruggero Ceci (PIARC C1, Science Expert TRAFIKVERKET - Sweden)
12:30-14:00	Lunch	
14:00-15:30	<u>Session III</u> <u>10 minute Case Studies of Success</u>	moderated by TC C1 John Milton (PIARC C1 WGL, Director of Transportation Safety, Department of Transport – USA)
14:00-14:20	Highlights of the PIARC Road Safety Case Study Compendium	Rob McInerney
14:20-14:35	Case studies of China Highway Safety to Cherish Life Initiative	Representative from Shandong province or Guizhou province
14:35-14:55	USA Strategic Highway Safety Plans	Karen Scurry (PIARC C1, Traffic Operations and Safety Engineer, DOT – USA)
14:55-15:15	Vehicle Safety (Tbc)	Speaker from Traffic Management Research Institute of the Ministry of Public Security
15:15-15:30	Training Needs for Safe Design, Construction and Maintenance of Road – Experience from Argentina and Ecuador	Juan Rodriguez Perrotat (PIARC C1 Secretary, University of Buenos Aires -

		Argentina)
15:30-16:00	Coffee Break	
16:00-17:30	<u>Session III (continued)</u> <u>10 minute Case Studies of Success</u>	moderated by TC C1 Imelda Julies
16:00-16:15	The PIARC Road Safety Manual - Key updates	John Milton
16:15-16:30	Mountain Road Safety Demonstration Projects	Representative from Guizhou province or Zhejiang province
16:30-16:45	Safety Effects of Lower Speed Limits During Winter Months	Jakko Klang (PIARC C2, Traffic Safety Engineer, Centre for Economic Development, Transport and the Environment, Finland)
16:45-17:00	Low Cost Road Safety Treatments on Existing Roads in Poland	Przemyslaw Padlo (PIARC C1, GDDKiA - General Directorate for National Roads and Motorways, Head of Road Traffic Safety and Traffic Management Department, Poland)
17:00-17:20	Round Table Discussion at End of Day	
17:20-17:30	Feedback	
18:00	Welcome Dinner	

### The 2nd day: 18th Oct, 2018 ( Thursday )

Time	Content	Person in Charge
9:00-10:30	<u>Session IV</u> <u>Design and Operation of Safer Road Infrastructure</u>	Per Andersson (PIARC C2, Project Manager Swedish Transport Agency – Sweden)
9:00-9:15	Application of Driving Simulator in Road Design and Optimization	Weihan ZHANG (RIOH)
9:15-9:30	TC C2 Case Study on Vulnerable Road Users	Mathias Wärnhjelm (PIARC C2, Engineer TRAFIKVERKET – Sweden)
9:30-9:45	Portugal - IP4 Expressway Improvements	Ana Tomaz
9:45-10:00	Major Road Safety Investment Case Studies from Around the World	Rob McInerney

10:00-10:15	Success Experiences Reported in Latin America	Alberto Mendoza (PIARC C2 Secretary) and María Cadengo (Mexican Transportation Institute - Mexico)
10:15-10:30	Comprehensive Technical Countermeasures for Safer Road Tunnel Operation	Zhongyin GUO (Tongji University)
10:30-11:00	Coffee break	
11:00-12:30	<u>Session IV (continued)</u> <u>Design and Operation of Safer Road Infrastructure</u>	Per Andersson
11:00-11:15	New Requirements for Road Safety Facility Specifications in China	Dr. Chengcheng TANG (PIARC C2, RIOH)
11:15-11:35	Calming Measure in Town Podturn	Uroš Brumec (PIARC C2, Road Safety Engineer, Slovenian Infrastructure Agency - Slovenia)
11:35-11:55	Tunnel Safety and Lighting Standards (Guizhou)	Lianfu SHI (PIARC C1, Deputy General Manager Guizhou Transport Planning Survey & Design Research Institute – China)
11:55-12:15	World Bank “Program for Results” road safety partnership in Anhui Province	Geoffrey Kurgan (World Bank)
12:15-12:30	Safer Way to School - Country, Slovenia	Uroš Brumec
12:30-14:00	Lunch	
14:00-16:00	<u>Session V</u> <u>The road ahead to Abu Dhabi</u>	
14:00-14:35	The key deliverables and timeline for TCC1 <ul style="list-style-type: none"> <li>✧ The PIARC Road Safety Manual Chapter updates - John Milton</li> <li>✧ The PIARC Global Road Safety Policies Report - Ana Tomaz</li> <li>✧ The PIARC Road Safety Case Studies Compendium - Rob McInerney</li> </ul>	Roberto Arditi
14:35-15:10	The key deliverables and timeline for TCC2 <ul style="list-style-type: none"> <li>✧ The PIARC Report on VRU’ s, human factors and LMICs</li> <li>✧ The PIARC Report on Setting Credible Speed Limits</li> </ul>	Shaw Voon Wong Lorenzo Domenichini (PIARC C1 WGL, Professor,

	✧ The PIARC Report on Road Safety Audit Guidelines suitable for LMICs	University of Florence – Italy)
15:10-15:25	PIARC Plans for the future	Jean-François CORTÉ
15:25-15:40	Plans for the Abu Dhabi World Road Congress Oct 6-10, 2019	Kirsten Graf-Landmann (PIARC Technical Advisor Strategic Theme C – Germany)
15:40-16:00	Round Table Discussion -20min	Moderated by Host
16:00-16:15	Conclusions of Seminar and Closing Announcement	RIOH

### The 3rd day: 19th Oct, 2018 ( Friday )

Time	Content	Person in Charge
8:30	Technical Visit <ul style="list-style-type: none"> <li>• Beijing Badaling Expressway + Great Wall</li> <li>• MOT Testing Ground for Highway and Traffic Engineering</li> </ul>	RIOH

## Technical Visit

### Option 1: MOT Testing Ground for Highway and Traffic Engineering

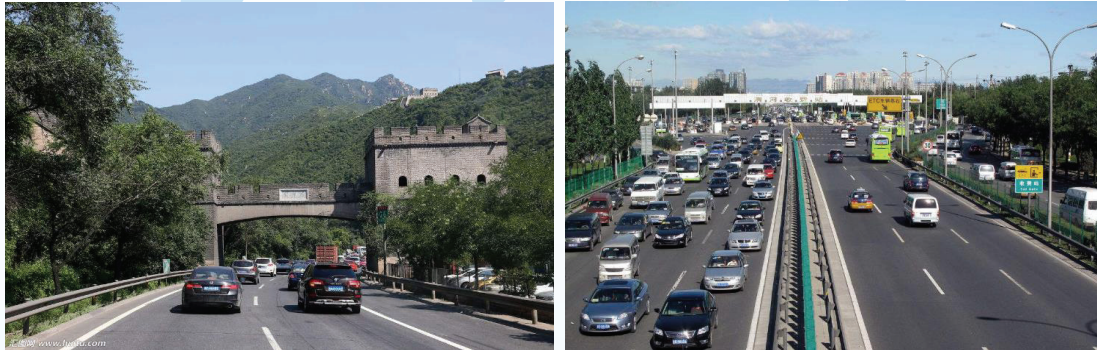


Testing Ground for Highway and Traffic Engineering belongs to Research Institute of Highway, invested by the Ministry of Transport. The total area is 2.4km<sup>2</sup>. It is a comprehensive proving ground for automotive engineering, highway engineering and traffic engineering, which is located in Da Du She, Tong Zhou district, 28 km away from downtown Beijing.

Main Test facilities include: High Speed Track (the neutral steering speed is 190km/h); ABS Test Road; Horizontal Straightway (2.3km); Ride and handling Square; External noise test Road; Durability & Reliability Test Road; Standard Slopes (6%, 10%, 18%, 20%, 30%, 40%, 50%, 60%); Water Bath Road, Salt Bath Road.

Main Test Laboratories include: Vehicle Performance Test Laboratory; Full Scale Crash Test Laboratory; Vehicle Emission Laboratory; Engine Laboratory; Vehicle Service Equipment Laboratory; Vehicle Chemistry Fluid Laboratory; Intelligent Transport System (ITS) Laboratory; Highway & Bridge Engineering Laboratory; Traffic Engineering Laboratory; Environmental Engineering Laboratory; Logistics Laboratory (under construction).

Option 2: G6 Expressway (previously Badaling Expressway) and The Great Wall



G6 expressway (previously Badaling Expressway) is open to traffic in the year of 2001 and is one of the significant radiation lines of the city of Beijing. It takes over a large freight transportation including coals transports from Hebei province, beef and mutton transports in Inner Mongolia and etc. G6 also serves an important role as the busiest tourism line in Beijing since it connects downtown Beijing straightly towards lots of world famous places of interests, such as ancient Badaling Great Wall and the Juyong Pass.

There was a lot of accidents from Tanyugou to Juyongguan toll gate since part of the G6 expressway locates on a mountainous area and suffers a huge freight and passenger transport. Therefore, the highway safety improvement project on G6 expressway has been implemented, that contained safety improvements on basic infrastructures, pre-warning system and management monitoring. Basic infrastructures safety improvement mainly involves an increasing level of roadside barrier, emergency lanes installation and other comprehensive highway safety treatments. After all the improvement installation, the project has largely improved the safety situation in the projected road segment. The project has earned the 2nd Award of China Highway and Transportation Society.





## The Great Wall

The Great wall of China was an ancient gigantic defensive project. It is one of the largest construction projects ever completed. The Great Wall of China is one of the greatest wonders of the world. It winds its way westward over the vast territory of China from the bank of the Yalu River and ends at the foot of snow-covered Qilianshan and Tianshan mountains. It is seldom that we see such a gigantic project in China or elsewhere in the world. The Chinese call it the Wall of 10,000li. Its size is better seen on a map or from an aerial photograph. According to astronauts who looked back from the moon, of all projects built by man, the Great Wall of China is the most conspicuous seen in space.



## Registration

### (1) Fee

Standard rate: €600 per person

Discount rate: €480 per person for PIARC collective and individual members

€200 per person for PIARC TC members

**(2) Registration due date: September 30, 2018.**

**(3) The registration form will be issued separately.**

## Registration Form

### Participants:

<input type="checkbox"/> Ms.	<input type="checkbox"/> Mr.	<input type="checkbox"/> Dr.	<input type="checkbox"/> Prof.
Surname:		Given Name:	
Title:			
Organization:			
Address:			
City:	Country:	Telephone:	
E-mail:		Fax:	

### Meeting Participation

<input type="checkbox"/> PIARC TC C1 meeting - 15 Oct. and 16 Oct.
<input type="checkbox"/> PIARC TC C2 meeting - 14 Oct. To 16 Oct.
<input type="checkbox"/> Ice Breaker dinner- 15 Oct.
<input type="checkbox"/> PIARC International Seminar Safer Roads that Save Lives: The PIARC Contributions to the UN Targets and Initiatives - 17 Oct. and 18 Oct.
<input type="checkbox"/> Banquet- 17 Oct.

### Special Requirements for food

<input type="checkbox"/> Vegetarian
<input type="checkbox"/> Muslim
<input type="checkbox"/> If any others, please specify it.

### Technical Visit Participation

(Participants can ONLY take part in ONE SINGLE technical visit on Friday. Choices will be accommodated on a first-come, first-served basis, depending on the number of spaces available for each visit.)
<input type="checkbox"/> Badaling Expressway and the Great Wall- 19 Oct.
<input type="checkbox"/> MOT Proving Ground - 19 Oct.

Registration Fees	Amount
Standard Rate	___ x Euro 600
PIARC collective and individual members	___ x Euro 480
PIARC TC members	___ x Euro 200
<b>Total Amount</b>	
Please issue the receipt:	<input type="checkbox"/> In my name <input type="checkbox"/> In the name of my organization

*The registration fee includes participant kit, seminar literature and proceedings, local transport, lunch and tea/coffee during technical sessions and field visit.*

*Please instruct the bank to use the following payment routing information.*

<b>Please instruct your Bank to use the following payment routing information:</b>	
Please remit the fund (in EURO) by T/T to:	Industrial and Commercial Bank of China, Frankfurt Branch
	SWIFT Address: ICBKDEFF
For credit to:	Industrial and Commercial Bank of China, Beijing Municipal Branch, Beijing, PRC
	SWIFT Address: ICBKCNBJBJM
For further credit to Beneficiary:	Account Number:0200010009014418686
	Name: Research Institute of Highway MOT
	Address:No.8 XiTuCheng Road, Haidian District, Beijing, China
	Telephone No: 0086-10-62079309

*All bank's charges if any are to be borne by the participants.*

### **Cancellation**

#### **Policy**

Cancellations must be made in writing and sent to the Seminar Contact Person via email to [tt.liu@rioh.cn](mailto:tt.liu@rioh.cn)

If, for any reason, the seminar should be canceled, the Seminar Organizing Committee will be responsible for any transportation, hotel or other fees incurred in relation to the registration.

Signature (required):

Date:            /    /  
(mm/dd/yy)

PLEASE RETURN THIS FORM TO:    [tt.liu @rioh.cn](mailto:tt.liu@rioh.cn)

## The Speakers' Information Form:

<input type="checkbox"/> Ms.	<input type="checkbox"/> Mr.	<input type="checkbox"/> Dr.	<input type="checkbox"/> Prof.	Please attach your passport photo
Surname:		Given Name:		
Title:				
Organization:				
E-mail:				
Title of the Presentation:				
Education Background:				
Work Experience:				
Main research area:				
Main achievements:				
Brief of the Presentation:				

Signature (required):

Date:        /        /

(mm/dd/yy)

PLEASE RETURN THIS FORM TO: ry.bai@rioh.cn (before 09/26/2018)

## Seminar Venue

The seminar will take place at Xijiao Hotel, Beijing.



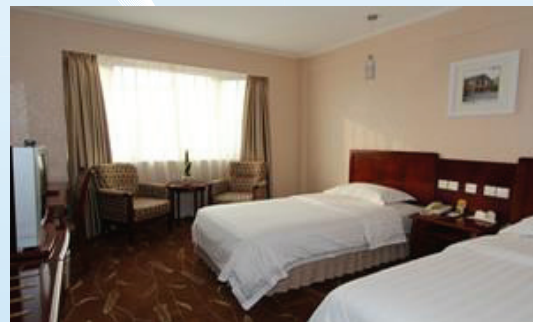
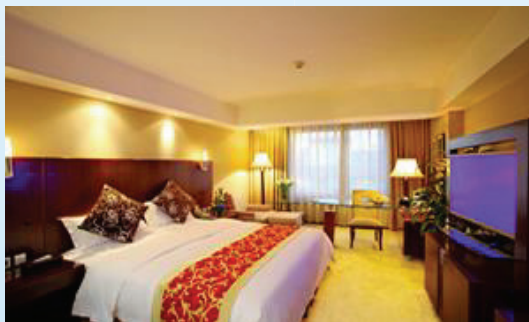
Located in the science, high-tech and business area, Beijing Xijiao Hotel is the point of world excellent education and business events. As the green garden in city, Beijing Xijiao Hotel is adjacent to famous universities, Zhong Guan Cun, center of Olympic and many historic attractions.

Address : No.18 Wangzhuang Road, HaiDian District, Beijing, China

Web: <http://www.xijiao-hotel.com.cn>

## Accommodation

Reservation will be made at Xijiao Hotel, Beijing.



Delegates are invited to make reservations on their own behalf.

Reservation can be made on line (<http://www.xijiao-hotel.com.cn>) with the special code '*piarc*'.

How to get to the Xijiao Hotel?

1. Beijing Capital International Airport (BCIA) provides taxi stops at the airport. Participants can take taxi from airport to the Xijiao Hotel. Please check taxi locations at

<http://en.bcia.com.cn/ecotraffic/taxi.shtml>.

2. Participants can also get to the Xijiao Hotel by taking airport express and downtown subway line 10 and line 13. There are two transportation station. Participants can transfer from airport to Line 10 at the Sanyuanqiao station; and then transfer from Line 10 to Line 13 at Zhichunlun station; participants get off at Wudaokou station and walk to hotel. Please check the station locations and fare at BCIA at <http://en.bcia.com.cn/ecotraffic/express.shtml>

## PIARC Special Fund

The PIARC Special Fund can cover up to 100% of travel expenses or up to 100% of accommodation expenses of participants from developing countries (low middle income and low income countries). The rules relating to the use of the Special Fund are available on the PIARC website: [www.piarc.org](http://www.piarc.org), in the PIARC Member Guide.

## General Information about the Host Country

### About Beijing

Beijing, the capital city of China, is an ancient city filled with rich oriental mysteries. It has been created from a 5000 year of civilization and the modernization of the times. Beijing is the world's oldest city with a rich cultural heritage of 3000 years. From splendid palaces and tranquil quadrant courtyards to the magnificent Great Wall and simple lanes, any single piece of land in Beijing is filled with the oriental culture and traditional landscape. Today, Beijing has become one of the most dynamic cities in the world with fast economic and social development, attracting investors from all over the world. The capital city has maintained an efficient and convenient network of transportation, with well-developed road routes, track lines and logistics systems. The Central Business District in Beijing will become a hub for the finance, businesses, trade, information and other services.

### Climate

The climate in Beijing is of the continental type, with cold dry winters, due to the Siberian air masses that move southward across the Mongolian Plateau. Winter usually begins towards the end of October with cold, dry northwesterly winds. The city is extremely dry in the winter and so moisturizers are a must during the cold months for both women and men. In winter, layering of clothes is recommended – long underwear, warm clothes, and heavy coats. For those unsure of what to bring, everything you need is readily available in Beijing; and is probably cheaper than what you'd pay back home.

For weather information: [http://www.weather.com.cn/html/weather\\_en/101010100.shtml](http://www.weather.com.cn/html/weather_en/101010100.shtml)

### Currency

The legal currency is Chinese Yuan (CNY) which is divided into 10Jiao or 100Fen. Bills are available in denominations of 1, 2, 5, 10, 20, 50 and 100 Yuan, plus, 1, 2 and 5 Jiao. Coins are

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available in denominations of 1, 2 and 5Fen, 1and 5Jiao, plus 1Yuan. Consult <http://finance.yahoo.com/currency-converter>for exchange rates.

To avoid any inconvenience, we recommend that visitors obtain Chinese currency at the official exchanges institution or travel agency when they arrive. Major Credit Cards such as MasterCard, Visa and American Express are widely accepted at hotels, shops, supermarkets, restaurants and nightclubs. Automatic Teller Machines (ATMs) are available throughout Beijing.

#### **Time Zone**

Chinese time is seven hours ahead of GMT.

#### **Voltage**

The electricity in China is 220 volts, 50Hertz. Appliances from other countries require a power converter/adaptor.

### **Seminar Contact persons**

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