



SECOND INTERNATIONAL CONGRESS OF ROAD SAFETY
Santiago de Chile, May 3rd to 5th, 2017 – Intercontinental Hotel



2nd international Road Safety Congress *“Road Safety for Connectivity and Productivity”*

BROCHURE (DRAFT)



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1. WELCOME TO CHILE

Dear colleagues, it is my pleasure to extend an invitation to attend the Second International Road Safety Congress, co-organized by PIARC, Chile's National Road Directorate (DV) and the Chilean Road and Transport Association (ACCT), to be held in Santiago de Chile May 3rd through 5th, 2017.

It is worth mentioning that PIARC's International Technical Committee C.2 "Design and Operation of Safer Road Infrastructure" will also meet in Santiago de Chile during the same week. National and international representatives of public and private organizations, including representatives from the countries of the Latin American Region will also attend, fostering dialog and exchange of knowledge, ideas and experiences related to road safety, in the context of road operation and maintenance in an emerging economy.

The Congress' program also includes an Expert Panel formed by PIARC's specialists and other presenters, representing an opportunity for transferring knowledge to Chilean and regional road engineers and professionals.



Germán Millán

President of Chilean Association of Roads and Transportation



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2. PRESENTATION

Technological advances, the growth of road infrastructure and its relevance for productive processes, have led ACCT, PIARC, Chile's National Road Directorate and the Chilean National Road Safety Commission, to envision the need for devoting this **Second International Road Safety Congress** to the discussion and sharing of up to date knowledge about road safety as a relevant attribute of connectivity and productivity.

This Congress' first edition was held in 2015 and gathered around 200 participants per day, 21 commercial sponsors and 10 institutional sponsors. At the end of the meeting, the Expert Panel formalized a set of reflections that had arisen from the conferences and the interactions between presenters and the audience. Among them, a clear need was detected for promoting cooperation between public, private and academic sectors, in order to reduce road accidents' fatalities. The need for improving coherence between public policies of any kind and the national road safety policy (including the use of best practices) was also detected, as well as the necessity to establish strong cooperation bonds between Latin-American countries, in order to prevent this Congress from remaining an isolated initiative.

- International experiences on road safety.
- Road safety public policies.
- Road safety management.
- Road safety and mobility.
- Road safety and productive development.
- Road safety research in productivity context.
- Technological innovation.
- Vulnerable road users.
- Accident risk reduction in productivity context.



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3. WORLD ROAD ASSOCIATION (PIARC)

PIARC's activities are guided by a 4-year Strategic Plan. The current Plan covers the period 2016-2019. In terms of structure, the work for this cycle remains organized into five Strategic Themes. For Strategic Theme C Safety, two Technical Committees and one Task Force take active part in improving Road Safety:

- TC C.1 "National road safety policies and programs"
- TC C.2 "Design and operation of safer road infrastructure"
- TF C.1 "Infrastructure security".

The outputs of both Technical Committees are to be integrated in the Road Safety Manual, one of PIARC's flagship products. Presented at the World Road Congress 2015 in Seoul, it is designed to help countries at every stage of infrastructure development fulfill road safety objectives – developed economies as well as LMICs. It includes new thinking on road safety and offers a clear argument on why adopting a Safe System approach is crucial for your country. The Road Safety Manual is a comprehensive, state-of-the-art international reference document and a "living" tool that can assist all countries in fulfilling key objectives.

It is intended that the event be attended by representatives from the countries of the Latin American region, and that it also has the participation of the members of an Ibero-American group working on the same topics as PIARC TC C.2, appointed by the Board of Road Directors of Iberia and Ibero-America (DIRCAIBEA) and also by PIARC.

4. OBJECTIVES OF THE CONFERENCE

General Objective: To provide a space for exposing and sharing national and international initiatives for the improvement of road safety, associated with the management of roads and their double role as providers of connectivity and supporters of productivity.

Specific Objectives:

- To open a discussion about the implementation of road safety measures in Chile and other countries, and innovations oriented to the reduction of accidents and fatalities.
- To contribute to the achievement of United Nations' goals for the Road Safety Decade of Action.
- To set an exhibit of road safety elements and technologies, including safe driving technological assistance.
- To give delegates/attendees practical experience of international road safety audit/inspection techniques.



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5. ATTENDANTS

Authorities, professionals, technicians and experts involved in the field of road safety management; public servants, consultants, contractors, technology and equipment providers, academics, researchers and students.

6. RSA/RSI WORKSHOP

In parallel with the main program, PIARC are proposing a practical workshop led by international road safety experts covering the benefits and application of Road Safety Inspection and Road Safety Audit on the afternoon of Wednesday 3 y Thursday 4 May 2017.

In 2016 PIARC produced an online version of its Road Safety Manual that gives comprehensive guidance to help countries at every stage of infrastructure development to fulfill national and international road safety objectives.

Chapter 10 of the Manual looks particularly at assessing potential risks and identifying issues. It discusses the use of safety checklists as a proactive way of assessing safety issues. Two key processes that can be used proactively are Road Safety Audit and Road Safety Inspection.

The workshop will focus on the key aspects of both inspection and audit – using local examples where possible and allow attendants to follow through on the similarities and differences of these approaches and help them to understand the appropriate uses of these techniques in local situations.

The skills and data needed for successfully applying these techniques will be covered together with the importance of understanding and interaction with non-specialist parties (client/road authority) to start the process and deal properly with the findings.

This workshop has a maximum capacity for 40 attendants so those interested should register separately. Attendance will be of benefit to anyone involved in either the commissioning, management or delivery of either RSI or RSA, or anyone who seeks further guidance on their application.

Ref: PIARC RSM <http://roadsafety.piarc.org/en>

PIARC (2011) Road Safety Audit Guide, Report 2011R01EN, World Road Association, Paris, France.



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PRELIMINARY CONFERENCE SCHEDULE

Wednesday 03			Thursday 04			Friday 05	
08:00 – 09:00	Registration		08:00 – 09:00	Registration		08:00 – 09:00	Registration
09:00 – 10:30	Inauguration		09:00 – 11:00	Technical Session 3		09:00 – 10:30	Technical Session 5
10:30 – 11:00	Coffee break		11:00 – 11:30	Coffee break		10:30 – 11:00	Coffee break
11:00 – 13:00	Technical Session 1		11:30 – 13:00	Technical Session 3		11:00 – 12:00	Technical Session 5
						12:00 – 13:00	Closure
13:00 – 14:30	Lunch		13:00 – 14:30	Lunch		13:00 – 14:30	Lunch
14:30 – 16:30	Technical Session 2	Road Safety Audits/ Inspections Workshop PART 1	14:30 – 16:30	Technical Session 4	Road Safety Audits/ Inspections Workshop PART 2	14:30 – 18:30	Technical visit
16:30 – 17:00	Coffee break		16:30 – 17:00	Coffee break			
17:00 – 18:30	Technical Session 2		17:00 – 18:30	Technical Session 4			

PRELIMINARY ACTIVITIES PROGRAM

Wednesday 03	
08:00 – 09:00	Registration
09:00 – 10:30	Inauguration ceremony
10:30 – 11:00	Coffee break
11:00 – 12:00	TECHNICAL SESSION 1 Key Note Speaker 1. Theme: Modern Road Design and Road Safety
12:00 – 13:00	Technical Paper 1: Integration of road safety within the design process <i>(John Barrell, CIHT SoRSA, UK)</i> Technical Paper 2: Importance of human factors in road design <i>(Lorenzo Domenichini, Department of Civil and Environmental Engineering - University of Firenze, ITALY)</i> Technical Paper 3: Using the consistency assessment to improve the road design <i>(Tomás Echaveguren, Universidad de Concepción, CHILE)</i>
13:00 – 14:30	Lunch
14:30 – 18:30	Road Safety Audits/Inspections Workshop PART 1 (limited audience)
14:30 – 15:30	TECHNICAL SESSION 2 Key Note Speaker 2. Theme: International Overview of Road Safety in Mining Industry
15:30 – 16:30	Technical Paper 4: The new road safety standard in mining industry <i>(Rocío Uribe, CODELCO, CHILE)</i>
16:30 – 17:00	Coffee break
17:00 – 18:30	Technical Paper 5: Designing straight slopes for heavy trucks. Standards and Practice. <i>(Tomás Echaveguren, Universidad de Concepción, CHILE)</i> Technical Paper 6: Available



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Thursday 04	
08:00 – 09:00	Registration
09:00 – 10:00	TECHNICAL SESSION 3 Key Note Speaker 3. Theme: The ISO 39001 Standard for Road Safety in Mining Industry
10:00 – 11:00	Technical Paper 7: Road Safety Audits and the use of appropriate countermeasures <i>(John Barrell, CIHT SoRSA, REINO UNIDO)</i> Technical Paper 8: Training and accreditation requirements for road safety auditors and inspectors <i>(Alberto Mendoza, Instituto Mexicano del Transporte, MEXICO)</i> Technical Paper 9: Experience of application the ISO 39001 standard in Chile <i>(Francisco Fresard, Universidad Católica de Chile, CHILE)</i>
11:00 – 11:30	Coffee break
11:30 – 13:00	Technical Paper 10: Available Technical Paper 11: Available Technical Paper 12: Available
13:00 – 14:30	Lunch
14:30 – 18:30	Road Safety Audits/Inspections Workshop PART 2 (limited audience)
14:30 – 15:30	TECHNICAL SESSION 4 Key Note Speaker 5. Theme: Vulnerable users in rural highways <i>(Shaw Voon Wong, Malaysian Institute of Road Safety Research, MALAYSIA, and Steven Robertson, South African National Roads Agency SOC Ltd, SOUTH AFRICA)</i>
15:30 – 16:30	Technical Paper 13: Pedestrian Audits – A checklist for safety and quality inspections of pedestrian infrastructure <i>(Dominik Schmitt and Jürgen Gerlach, University of Wuppertal, GERMANY)</i> Technical Paper 14: Safety aspects and challenges for motorcyclists <i>(Mathias Wärnhjelm, Swedish Transport Administration, SWEDEN)</i> Technical Paper 15: Statistics and practice in Sweden with focus on pedestrians and bicyclists <i>(Per Andersson, Swedish Transport Agency, SWEDEN)</i>
16:30 – 17:00	Coffee break
17:00 – 18:30	Technical Paper 16: Available Technical Paper 17: Available Technical Paper 18: Available



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Friday 05	
08:00 – 09:00	Registration
09:00 – 10:00	TECHNICAL SESSION 5 Key Note Speaker 5. Theme: International Overview of Legal Aspects of Road Safety
10:00 – 10:30	Technical Paper 19: The role of the State in road safety (<i>Alejandro Torres, Consultant attorney, CHILE</i>)
10:30 – 11:00	Coffee break
11:00 – 12:00	Technical Paper 20: Legal responsibility in road crashes. Several Chilean cases (<i>José Luis Diez, Universidad de Concepción, CHILE</i>) Technical Paper 21: Model approach for setting speed limits (<i>John Barrell, CIHT SoRSA, UK</i>) Technical Paper 22: Safety effects of lower speed limits during winter months (<i>Jaakko Klang, Transport and the Environment for Southwest Finland, FINLAND</i>)
12:00 – 13:00	Conclusions and closing ceremony
13:00 – 14:30	Lunch
14:30 – 18:30	Technical visit



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APPLICATION FORM:

Name : _____
Organization : _____
Country : _____
Email : _____
Address : _____
Phone : _____

REGISTRATION FEE:

DELEGATE – FULL \$250.000 / US\$400 (tax included)

MINISTRY OF PUBLIC WORKS AND CHILEAN ENGINEERS ASSOCIATION \$200.000 / US\$320 (tax included)

*Includes: access to sessions during the conference, technological exhibition, coffee break and conference pack

PAYMENT DATA:

Company Name : _____
Contact Person : _____
Line of bussiness : _____
VAT number : _____
Address : _____
City : _____
Country : _____
Phone : _____

PAYMENT METHOD:

BANK TRANSFER

Bank: Corpbanca
Account owner: Asociación Chilena de Carreteras y Transporte
Account number: 45932753
VAT number: 65.081.041-4
Swift Code: CONBCLRM
Bank address: Av. Nueva Providencia Nº 2096, Providencia, Santiago, Chile
Please submit the receipt to: creativeproductores@gmail.com

INVOICE

IN THE CONFERENCE

CONTACT: Tania Chijner



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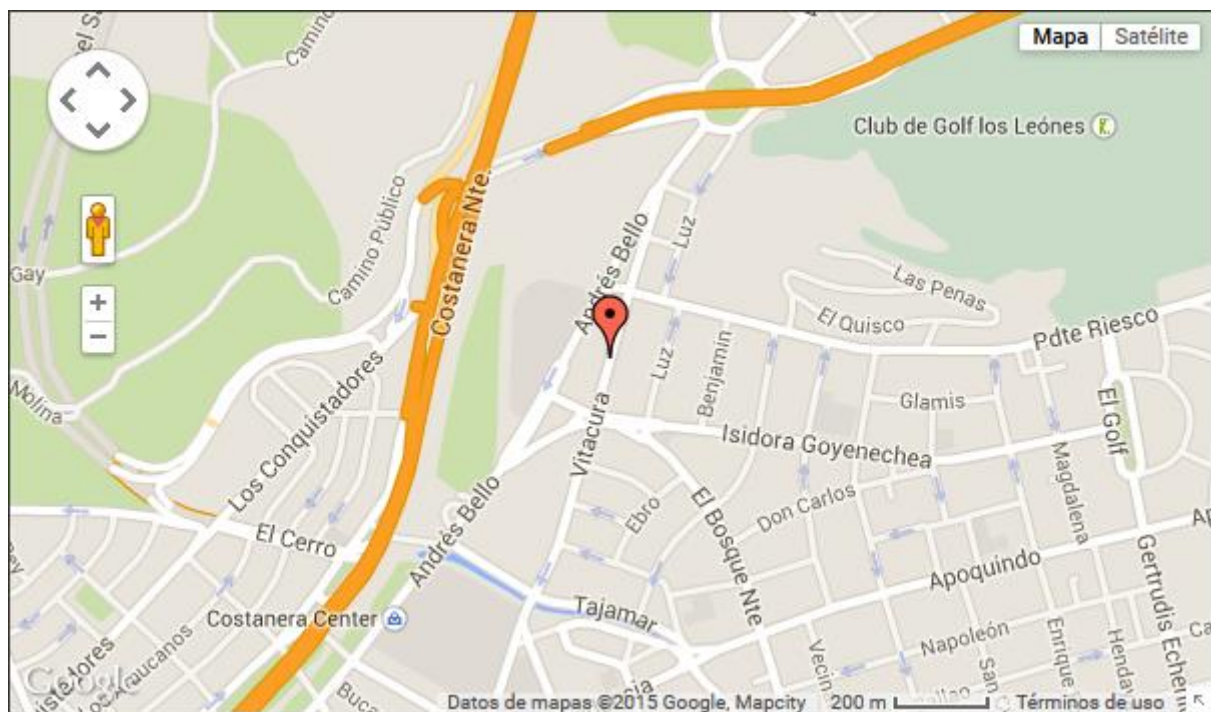
CONFERENCE SITE:

Intercontinental Hotel



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Adriana VARELA – Director of Ibero-american Group TC C.2 – PIARC
John BARRELL – Work Group 4/5 Lead TC C.2 – PIARC

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GENERAL INFORMATION

Recommendations when entering Chile

To enter into Chile as a tourist you must bear in mind certain information.

Coming from countries with diplomatic relations with Chile:

- All passengers, as tourists, must go through International Police, produce their identity documents (identity card or passport) and the stamped visa (depending on the country of origin).
- Tourists coming from Argentina, Brazil, Bolivia, Colombia, Ecuador, Uruguay, Paraguay and Peru may enter with their identity cards or equivalent documents.
- Upon entering Chile, the International Police Office provides a form in duplicate named 'Tourist Card'. This card is personal and non-transferable and it is valid for up to 90 days and extendable for another 90 days. Tourists must retain the copy throughout their stay and must produce it to International Police before departing Chile. The card's validity period may be extended and requested at the Regional Intendancies, Immigration Office.
- Economic solvency shall be accredited.

Coming from countries with no diplomatic relations with Chile:







- Visitors coming from countries not maintaining diplomatic relations with Chile must enter into the country with a Tourist Approval, with the previous and compulsory authorization from the Ministry of Foreign Affairs for its issuing.
- When requesting this authorization, you must inform the purpose of travel, length of stay, date of travel and prove you have onward tickets to your country of origin or other. In the latter case, you must also prove to have the authorization to enter the third country, producing the corresponding passport, visa or entry permit.
- Economic solvency shall be accredited.

Note: All passengers holding passports from Albania, Australia, Canada, the United States and Mexico must pay a Reciprocity Fee before going through International Police.

For further information please visit:

<http://chile.gob.cl/en/sobre-chile/informacion-turistica/condiciones-de-seguridad/>

Weather (daily averages for May)

TEMPERATURE		12 °C	53 °F
HIGH TEMPERATURE		18 °C	64 °F
LOW TEMPERATURE		5 °C	41 °F
SUNSHINE HOURS		4	HRS
RAINFALL		50	MM
RAINFALL DAYS		6	DAYS



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Electricity

Information on the domestic electricity supply in Chile:

- Electric current in Chile is supplied at 220 Volts, 50 Hertz. Most transformers are suitable for North American appliances, and notebooks and laptops usually come fitted with an internal adapter.
- Three-way adapters should not be used, but two-way adapters may be purchased in any electrical goods shop.

No smoking Policy

Those places which do not comply with the restrictions imposed by the law risk paying between 1 UTM and 250 UTM (70 and 16,800 dollars), the most serious cases being those which involve non provision of facilities and ventilation for non-smokers.

This law bans smoking in:

- Lifts / Elevators
- Educational establishments
- Fuel (petrol/gas) stations.
- Places where explosives, inflammable materials, medicine or food are made, processed or deposited.
- Public or collective means of transport.

On the other hand, smoking in open-air places or gardens is permitted in:

- Premises or branches of State organizations. Also in individual offices but only if they have open-air ventilation or an extractor fan.
- Higher Educational establishments, both public and private.
- Public and private health establishments.
- Airports and land ports.
- Theatres, cinemas, places where cultural and musical shows are held, except open-air events.
- Gymnasiums and sports grounds
- Customer pay centres or general public service centres.
- Supermarkets, malls and any other establishments with free public access.

In the case of pubs, clubs and restaurants, smoking is only permitted if the non-smoking area is at least 100m squared, allowing those who do not smoke, and a clean and well-ventilated area.

It is also important to point out that the restriction on the sale of cigarettes:

- bans sales to minors under the age of 18.
- bans sales of cigarettes within 100 meters of primary and secondary school establishments.
- bans sales of single cigarettes or packets of less than 10 units.



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Currency

Chile's national currency is the Chilean Peso (\$). The monetary system comprises a series of notes and coins of differing values.

The following notes are used:

1,000 pesos = \$1.000
2,000 pesos = \$2.000
5,000 pesos = \$5.000
10,000 pesos = \$10.000
20,000 pesos = \$20.000

The following coins are used:

1 peso = \$1
5 pesos = \$5
10 pesos = \$10
50 pesos = \$50
100 pesos = \$100
500 pesos = \$500

Money exchange

1 USD = 670 Chilean Peso. You can exchange money at any "Casa de Cambio" or bank office.

Credit Cars

- Credit Cards are very widely used in Chile. The most commonly accepted Cards are Visa, MasterCard, Diners Club and American Express.
- In Chile you can use credit cards to pay in shopping centers, restaurants, service stations, supermarkets, hotels of all levels, car-hire and property rentals, travel tickets, casinos, etc.
- When making a credit card purchase you should always check before signing that the amount on the slip is the same as the amount shown on the bill/receipt, and that the terms of payment are as agreed in the sale.

Teller Machines

- There are plenty of cash dispensers (RedBanc) in Chile; they are usually available in shopping and business centres, banks and service stations. The best-known and most widely used system of cash dispensers is called Redbanc.
- Dispensers take the cards of local banks and Cirrus cards, and function 24 hours a day.
- When withdrawing money from a cash dispenser, take the normal safety precautions. Do not allow anyone to see your PIN and keep the money in a safe place.
- If the cash dispenser is not working, do not place your card in the machine and of course do not enter your PIN.
- Remember that if you enter the wrong PIN more than three times the cash dispenser will not return your card.
- Always remember to withdraw your card after any transaction using a cash dispensing machine.

Taxes and Tips

- Regularly, taxes are included in the prices at Commerce
- 10 % of bill is recommended for tips in restaurants



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Tourism Information

Capital of the Republic of Chile, **Santiago** is the cultural, administrative and financial center, and the most important metropolis in the country.

Also known by the name of Greater Santiago, it is located in the Maipo Valley, surrounded by the Coast Mountain Range to the West and by the Chacabuco and Angostura Ranges to the North and South, respectively. The Andes Mountain Range closes the frame of the city in the East.

This site is chosen to organize the great Latin American congresses. Santiago has an important transportation system that connects various points across the city. The metro is one of the most modern underground means of transportation in the world. Furthermore, a new program that renovated the complete fleet of urban buses -known as Transantiago Plan- has been put into practice. In addition to this, 210 kilometers of urban highways cross the city connecting the center with the commercial areas and the surrounding neighborhoods.

To the northwest of the city lies the Comodoro Arturo Merino Benítez international airport, which welcomes countless flights from inside the country and abroad. The most popular land accesses to the capital of Chile are: Route 5 Pan-American North and South, Route 68 (access from the coast) and *Autopista del Sol*. From Argentina, Santiago is reached along International Route 57, after crossing Los Libertadores Mountain Pass. Many buses reach the Metropolitan station whereas the trains pull in at the central station.

The city of Santiago de Chile has an intense cultural life. There are about 40 art galleries and 30 museums of several styles to be visited. As regards tourism, the city center is the gathering point for visitors. The *Palacio de la Moneda* (Mint Palace), the *Plaza de Armas* (main square), the cathedral, the Pre-Columbian Art Museum and *Casa Colorada* are the most popular sites.

The Bellavista Bohemian Neighborhood stands out for its distinguished restaurants, art galleries, pubs and residences dwelled by well-known writers. Other neighborhoods which show off their modern buildings and quiet atmosphere are Las Condes and Providencia. Visiting Mount San Cristóbal implies catching a beautiful panoramic sight of the city and touring around the Zoo.

Lovers of good Chilean wine may visit the most important wineries in the country, located in the valleys surrounding Santiago, a few kilometers away from the city. Its proximity to the Andes lets visitors enjoy winter sports. Valle Nevado, La Parva, Farellones, El Colorado and Lagunillas ski resorts stand very close to the city and have very good accesses to feel powder snow.

For further information please visit:

<http://chile.travel/en/where-to-go/central-area-santiago-and-valparaiso/santiago/>



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