



FIRST ANNOUNCEMENT

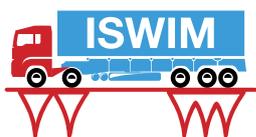
3rd Regional Seminar on Weigh-In-Motion

OPTIMISING ROAD FREIGHT TRANSPORT USING WIM DATA

CSIR Convention Center, Pretoria, South Africa
November 7–10, 2021

► www.is-wim.net/iswim-events/coming-iswim-events/iswim-seminar-2021-south-africa

ORGANIZER



CO-ORGANIZER



LOCAL PARTNER



NOTE:

Due to the COVID-19 pandemic the delivery logistics of the seminar may be altered.



ISWIM President's Invitation

I am honoured to invite you to the 3rd International seminar titled Optimising Road Freight Transport using WIM Data, to be held in Pretoria, South Africa in November 2021. My honour comes from the efforts and dedication of the organising committee to plan the seminar.

The seminar specifically aims to support the South African and broader regional community in their Weigh – in - Motion (WIM) endeavours. A number of countries in this region have been using WIM and associated systems for many years, while others are only now implementing programs. The networking opportunity will be unprecedented, bringing together administrators, users, and specialist along with vendors. It will also be the opportunity to bring together worldwide experts on WIM to meet in South Africa.

The key theme will resonate around the use of WIM data across the road freight task.

I look forward to seeing you in South Africa.

Chris Koniditsiotis
President of ISWIM

About the Seminar

The seminar on Weigh-in-Motion is the third International seminar organised by ISWIM, with a specific focus on Sub-Saharan Africa. It is the main ISWIM event between two International Conferences (ICWIM8 and 9). It first targets the Regional community of WIM and intends to address their needs and requirements. However, it will also be the opportunity to invite worldwide experts on WIM to meet with African partners. Several countries in this region have been using WIM systems for many years, while others have only recently started implementation.

The seminar is designed to address the broad range of technical topics related to heavy vehicles and size & weight measurement systems and use of mass data. It will be providing access to the latest developments in WIM sensor and system technology, best practices in implementation of WIM systems and user experiences with the different applications of WIM data. The symposium will consist of a series of technical sessions, a panel discussion and some end-users' sessions where the end-users will get direct information about the best practices and the application of WIM data, and WIM vendors and consultants will present their solutions.

WHO SHOULD ATTEND

- Agencies responsible for the design, construction and maintenance of road infrastructure, pavements and bridges.
- Government agencies responsible for size and weight enforcement and the operation and control of heavy vehicles.
- Agencies using weight information to support policies on (international) freight mobility, traffic safety, and road pricing.
- Researchers and student in WIM technologies, WIM data analysis, design of road infrastructures vehicle-road interaction and freight transport logistics.
- Manufacturers, vendors and users of WIM systems, data, or related equipment and services.

OBJECTIVES

- To provide an international platform showing recent developments in WIM technologies, applications, operations, standards and research,
- To facilitate the meeting of users, vendors and researchers from different countries to share and exchange experiences with the use of WIM systems and WIM data,
- To show the status quo in WIM sensor technology and the implementation of WIM systems through an exhibition of WIM vendors and a technical tour to operational WIM sites.

Topics

The seminar will cover most of the topics concerning Weigh-in-Motion (WIM):

- Recent advances in WIM systems, sensors, applications, implementation, operation and testing,
- Practical experiences with the implementation and operation of WIM systems and use of vehicle mass data in Sub-Saharan Africa for different applications,
- Use of WIM data for pavement and bridge engineering, preselection for weight enforcement, direct enforcement and tolling by weight,
- Use of mass information in innovations in road transport logistics, Performance Based Standard (PBS), Road Transport Management System (RTMS) and Intelligent Access Program (IAP)/Smart infrastructure Access Policies (SIAP).

Submissions

Authors are invited to submit extended abstracts in English (at least 1500 to 2000 words, or 3-4 pages) covering one or more topics of the seminar. The submissions should be provided in Word and PDF format, with relevant illustrations and references. Abstracts can be either end-user or academically oriented, free of commercial content, including sufficient information for a good understanding of the topics to be presented.

Abstracts should be **submitted by April 30, 2021**, at:

<https://www.is-wim.net/iswim-events/coming-iswim-events/iswim-seminar-2021-south-africa/abstract-submission/>.

The authors will be **notified by July 1, 2021**. **Revised abstracts will be required by July 31, 2021**. Full papers will also be accepted but not mandatory. Accepted abstracts will be scheduled for presentation in one of the podium sessions of the seminar, or in a poster session and will be published in the proceedings on the ISWIM website.

Sessions

The seminar will include:

Plenary sessions, co-organised by ISWIM and PIARC (TC2.3 on Freight), on common or complementary topics, mainly with invited speakers from both associations. These sessions intend to facilitate the exchange of ideas and cross-fertilization between Weigh-In-Motion, freight transport and road infrastructure.

Technical sessions, organized by ISWIM or PIARC/TC2.3. These sessions will include technical and scientific presentations by authors of papers reviewed and accepted by the Programme Committee. The presentations will be clustered in sessions according to the topics of the seminar. Authors may be academics, end-users, vendors or any combination of the three.

End-user sessions in which vendors will present their latest solutions, services and innovative products to end-users and end-users will have the opportunity to express their needs and requirements and share experiences from case studies. Each sponsor and exhibitor will have a 10-15 minute slot in one of these sessions. However, these sessions are not meant for sole commercial presentations of WIM products.

Poster session: the authors of accepted submissions by the Programme Committee, either invited to a podium presentation or not, will have the opportunity to display a poster all along the seminar in a well exposed area. This will increase the visibility of the materials and allow a dialog between the authors and the delegates, above all during the breaks and some dedicated time slots.

Parallel Exhibition

A showcase exhibition for manufacturers, users and related industries will be held in conjunction with the seminar.

ISWIM Young Researcher Award

ISWIM offers scholarships to bachelor, master and PhD students, or post docs up to five years after graduation working on WIM-related research projects. Applicants should send a CV, two reference letters, and an abstract up to 1000 words with supporting "substantial evidence" of their work, by April 30th 2021 to: lily.poulikakos@empa.ch. The winner(s) will get a travel return ticket, travel expenses (with a maximum of Euro 2.000) and a free registration to present their work at the 3rd ISWIM Regional Seminar in Pretoria, South-Africa. More information on the Young Researcher Award can be found on www.is-wim.net.



Committees

ORGANIZING COMMITTEE

- Chris Koniditsiotis, (chair), *Australia*
- Hans van Loo (Secretary), *Switzerland*
- Andrew Houliston, *South Africa*
- Marisa Fortune, *South Africa*
- Rob Sik, *South Africa*
- Bernard Jacob, *France*
- Andy Lees, *United Kingdom*
- Layton Leseane, *South Africa*
- Caroline Mays, *United States*
- Jacqui Oosthuyzen, *South Africa*
- Christopher Coetzee, *South Africa*
- Jonathan Regehr, *Canada*
- Debbie Walker, *United States*
- Aleš Žnidarič, *Slovenia*

PROGRAM COMMITTEE

- Bernard Jacob (chair), *France*
- Morris de Beer, *South Africa*
- Kim Chulwoo, *Japan*
- Andrew Houliston, *South Africa*
- Javier Jorge, *Argentina*
- Chris Koniditsiotis, *Australia*
- Layton Leseane, *South Africa*
- Caroline Mays, *United States*
- Paul Nordengen, *South Africa*
- Eugene O'Brien, *Ireland*
- Jonathan Regehr, *Canada*
- Gerhard de Wet, *South Africa*
- Aleš Žnidarič, *Slovenia*

Conference Language

The official language of the seminar will be English. Abstracts and presentations shall be provided in English.

Venue

The seminar will be held at the **CSIR Convention Centre in Pretoria**, South Africa. More information on the venue can be found here: www.csiricc.co.za.

Hotel

The preferred accommodation for the seminar is the **City Lodge Lynnwood**, for more information on the hotel please visit: <https://clhg.com/hotels/141/City-Lodge-Hotel-Lynnwood-Pretoria>. During the seminar transportation between this hotel and the CSIR Convention Centre will be available. For hotel reservations contact by email: Cllynnwood.resv@clhg.com or phone +27 (0) 12 471 0350. Please quote the **reference number (141BC71ZR)** in order to qualify for the following discounted rates:

- Single room rate (*per person per night*): **ZAR 1,250**
- Double room rate (*per room per night*): **ZAR 1,250**
- Breakfast (*per person*): **ZAR 150**

South Africa

South Africa is a region of incredible diversity in landscape, wildlife and culture. You can experience deserts, savannah, forests, endless beaches, mountains, modern cities, epic scenery and prolific wildlife. The people of South Africa are made up of many diverse cultures and hence it is known as the "Rainbow Nation" with eleven official languages. There is nowhere better to view the "Big Five" than Southern Africa's National Parks and game reserves.

Pretoria is South Africa's administrative center is a handsome city with some gracious old architecture, significant historical sites for South Africans of all races, prosperous leafy suburbs, and wide streets lined with jacarandas. Pretoria's most well known sites include; the Parliament and Union buildings, Soweto with Nelson Mandela's house and the graffiti on the Orlando Towers and the Voortrekker Monument.



Technical Tour

The technical tour on Wednesday November 10th will go to the Mantsole Traffic Control Centre and weighbridge that is situated approximately 80 km north of Pretoria. This is one of the busiest and most efficient weighbridge facility in Southern Africa. The facility operates 24/7 and is equipped with world class weighing and vehicle Weigh in Motion screening equipment and technological systems. Second part of the tour will include a visit to a nearby WIM test station and a traditional South African lunch (braai).

Programme at a Glance

SUNDAY 7. nov.	8:30–14:00		14:00–16:00			16:00–18:00	18:00–20:00	
	Build up of exhibition booths		Installation of vendors			Registration	Opening Exhibition + Cocktail	
MONDAY 8. nov.	8:00–9:00		9:30–12:00	12:00–13:30	13:30–15:00		15:30–17:00	19:00–22:00
	Registration	Coffee	Opening Session	Lunch	Session 1	Coffee	Session 2	Symposium Diner
TUESDAY 9. nov.	8:30–10:00		10:30–12:00	12:00–13:30	13:30–15:00		15:30–17:00	17:00–17:30
	Session 3	Coffee	Session 4	Lunch	Session 5 + Breakdown of exhibition	Coffee	Panel Discussion	Closing Session
WEDNESDAY 10. nov.	8:30–12:30			12:30–14:00	14:00–18:00			
	Technical Tour part 1			Lunch	Technical Tour part 2			

Fees

DELEGATES	Registration type	Early Bird < 15-08-2021		Advance < 01-10-2021		On site > 01-10-2021	
		ZAR	\$	ZAR	\$	ZAR	\$
A	Delegate (regular)	ZAR 3.500,00	\$ 250,00	ZAR 4.000,00	\$ 300,00	ZAR 5.000,00	\$ 375,00
B	Student (with valid ID, under 30)	ZAR 1.750,00	\$ 125,00	ZAR 2.000,00	\$ 150,00	ZAR 2.500,00	\$ 185,00
C	One day delegate	ZAR 2.000,00	\$ 150,00	ZAR 2.500,00	\$ 185,00	ZAR 3.000,00	\$ 225,00
E	Extra ticket for the cocktail (Sunday)	ZAR 350,00	\$ 25,00	ZAR 450,00	\$ 35,00	ZAR 550,00	\$ 45,00
F	Extra ticket for the symposium dinner	ZAR 500,00	\$ 35,00	ZAR 600,00	\$ 45,00	ZAR 700,00	\$ 55,00
G	Extra ticket for the technical tour	ZAR 500,00	\$ 35,00	ZAR 600,00	\$ 45,00	ZAR 700,00	\$ 55,00

- Fees in South African Rand (ZAR) are valid for delegates from the following ASANRA & EAC countries: Angola, Botswana, Burundi, Comores, Dem. Rep. of Congo, Swaziland, Kenya, Lesotho, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Rwanda, Seychelles, South Africa, Tanzania, Uganda, Zambia and Zimbabwe.
- Regular delegate registration fees include all sessions, panel discussions, forums and workshops, coffee breaks, lunches from Monday to Wednesday, the Sunday evening welcome buffet, the seminar dinner on Monday evening and a technical tour on Wednesday.
- For full-time students below the age of 30 only. Valid student ID required on site and copy to be sent with the registration.
- One-day registration fees include all sessions, panel discussions, forums and workshops, coffee breaks and lunch on the day of attendance or the technical tour and lunch in case of Wednesday.

SPONSORSHIP The seminar offers several options for organizations to sponsor the event and/or participate in the parallel exhibition. In general there are three options:

	Major	Regular	Exhibitor
Fee	\$ 4.000,00	\$ 2.750,00	\$ 1.500,00
Standard booth at the exhibition for 2½ days.	18 m ²	9 m ²	9 m ²
Free delegate(s) registrations for seminar,	3	2	1
Possibility to add extra sponsor options	X		
A presentation in an end-user workshop	X	X	
An advertising space in the final program	X	X	
Logo displayed on conference brochures, proceedings and website	X	X	X
Public acknowledgment during the seminar	X	X	X

For detailed information on the conditions on sponsorship and extra sponsor options please contact:

- Andy Lees, andrew.lees@q-free.com
- Andrew Houliston, andrew.houliston@syntell.co.za

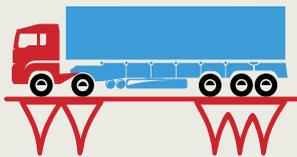


About ISWIM

The International Society for Weigh-In-Motion (ISWIM) brings together users, researchers, and vendors of systems for weighing of vehicles in motion. This includes systems installed in or under the road pavements, bridges, rail tracks and on board vehicles. Membership of ISWIM is free of charge for individual members. The aims of ISWIM are to support the advances in Weigh-In-Motion technologies and the more widespread application of WIM systems and data.

ISWIM:

- Organizes international conferences, regional seminars and workshops, on WIM technology and applications.
- Supports international research and development of projects on WIM and of standards related to WIM and its applications.
- Publishes papers and articles in international magazines.
- Promotes the application and use of WIM systems and data at exhibitions and trade fairs.
- Provides a discussion forum on many aspects of WIM.



ISWIM
International Society for Weigh in Motion

▶ www.is-wim.net

SUPPORTERS

