



ICWIM10 HVTT19

Moving Forward Together

Connecting Heavy Vehicles
and Weigh-In-Motion

The International Society for Weigh-In-Motion (ISWIM) and the International Forum for Heavy Vehicle Transport & Technology (HVTT Forum) have come together again to host a joint international conference.

**9 to 13 May 2027,
Ljubljana, Slovenia**

First Announcement and Call for Abstracts

ORGANISED BY



**10th International Conference
on Weigh-In-Motion (ICWIM10)**

<https://is-wim.net/events/coming-events/icwim10/>



**19th International Symposium on Heavy
Vehicle Transport & Technology (HVTT19)**

<https://hvttforum.org/hvtt19/>

LOCAL ORGANISERS



CESTEL



ACS
Automotive Cluster of Slovenia



ISWIM President's message

I am pleased to announce that the 10th International Conference on Weigh-In-Motion (ICWIM10) will be held in the beautiful city of Ljubljana in Slovenia. The International Society for Weigh-In-Motion (ISWIM) and the Heavy Vehicle Transport Technology Forum (HVTT) have partnered again, for the third time, to hold a joint international conference. The conference will feature sharing of different ideas, experiences, and the latest technologies to address many challenges we face today in the transportation industry.

I invite you to participate in the joint ICWIM10/HVTT19 conference. You will be among worldwide experts in the areas of WIM and heavy vehicle technologies. The theme for the conference is Moving Forward Together – Connecting Heavy Vehicles and Weigh-In-Motion. The theme speaks to the continued collaboration between the two associations and focuses on improving the science behind connecting and weighing vehicles in motion. I encourage you to submit a paper for the conference and share your work and knowledge.

The countless volunteer hours by the joint organizing and technical committees, in planning the conference and developing the excellent paper topics, is commendable.

I look forward to welcoming you to Ljubljana in May 2027.

Deborah Walker

President

International Society for Weigh-in-Motion (ISWIM)



HVTT Forum President's message

I am delighted to announce the details of the 19th International Symposium on Heavy Vehicle Transport & Technology (HVTT19), which will take place in Slovenia in May 2027. Building on the success of HVTT17 in 2023 — held jointly with the International Society for Weigh-In-Motion (ISWIM) in Brisbane, Australia — we are once again partnering with ISWIM to jointly host HVTT19 with the 10th International Conference on Weigh-In-Motion (ICWIM10). It's fitting, therefore, that the theme of the joint HVTT19/ICWIM10 symposium is Moving Forward Together: Connecting Heavy Vehicles and Weigh-In-Motion.

The theme reflects the shared interests of the HVTT Forum and ISWIM: to advance global research and best practice to optimise the relationship between heavy vehicles and road infrastructure by using innovative technologies to achieve greater productivity, efficiency, and sustainability. In a world shaped by rapid economic, technological, and policy change, Moving Forward Together highlights the critical need to bring together thought leaders, researchers, and practitioners from diverse fields to share their research, experiences and insights. This year also marks the 40th anniversary of the first HVTT Symposium held in Canada in 1986 — a milestone that reminds us how symposia themes and topics have continually evolved in response to emerging challenges and opportunities over four decades.

I am confident that, with your participation, the joint HVTT19/ICWIM10 symposium will deliver a strong program of scientific papers, technical presentations, and discussions that helps us to move forward together by better connecting heavy vehicles and weigh-in-motion. Just as importantly, it will provide a setting to build new relationships and strengthen existing ones. I look forward to welcoming you to Slovenia in May 2027!

Gavin Hill

President

International Forum for Heavy Vehicle Transport & Technology (HVTT Forum)

► Topics

We welcome abstracts on a broad range of topics which relate to the theme of the conference ‘Moving Forward Together – Connecting Heavy Vehicles and Weigh-In-Motion’, including (in alphabetical order):

1. AI and WIM technology
2. Application of WIM for heavy vehicle operations and access
3. Data collection, sharing, management, governance, and stewardship
4. Electrification of road freight, including charging infrastructure and electric road systems
5. Heavy vehicle design and technology
6. Heavy vehicle safety, driver safety, heavy vehicles as a workplace
7. Intelligent Transport Systems (ITS) and traffic management integration
8. Measuring mass: in-road and on-vehicle
9. Railway WIM
10. Regulations, standards, and specifications
11. Road freight decarbonisation pathways, including alternative fuels and electric vehicles
12. Supply chain resilience and security
13. Users’ experience with WIM
14. Weights and dimensions, including high-capacity vehicles
15. WIM and Structural Health Monitoring
16. WIM data for road asset management, bridge engineering, and tolling
17. WIM for compliance and enforcement
18. WIM standards and specifications

► Parallel Exhibition

A spacious showcase exhibition area will host manufacturers, users, and related industries in conjunction with the joint conference. Further details of the exhibition area will be provided this spring.

► Conference Language

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

► Who should attend?

- **Regulatory and enforcement agencies** responsible for size and weight compliance, heavy vehicle operations, logistics, and the design, construction, and maintenance of pavements and bridges.
- **Authorities** leveraging heavy vehicle data to shape policies on freight mobility, traffic safety, sustainable road transport, and road pricing.
- **Policy makers and program managers** in the fields of heavy vehicle transport, freight and asset management, and transport reforms.
- **Manufacturers, suppliers, and end-users** of heavy vehicles, WIM systems, and related technologies and services.
- **Researchers and students** engaged in any of the above disciplines.
- **All other stakeholders** with an interest in WIM and the future of heavy vehicle transport and infrastructure.

► Abstract Submissions

Authors are invited to submit abstracts in English (300 to 500 words) covering one or more of the conference topics. The submission should be provided in Word or PDF format, with any relevant illustrations and references. Abstracts can be either end-user or academically oriented, but, noting that it is a scientific conference, they should be free of commercial content. The abstract should provide enough detail to allow for a clear understanding of the objectives, methods, novelties and findings to be presented.



in English



300-500 words



Word or PDF format



with relevant illustrations



Key dates for abstract and paper submission are listed below.

Accepted papers will be scheduled for presentation in one of the sessions of the joint conference, or as a poster presentation. Accepted papers will be published on the ISWIM and HVTT Forum websites after the conference.



Abstracts are to be submitted at:

<https://login.easychair.org/my2/conference?conf=icwim10hvtt19>



► Conference Proceedings

The organisers are engaging with an academic publisher to explore the possibility of publishing official conference proceedings, in addition to the standard hosting of papers on the ISWIM and HVTT Forum websites. Details will be confirmed soon - check the conference website for updates.

<https://is-wim.net/events/coming-events/icwim10/>



► Key Dates

- Submission of abstracts **30 April 2026**
- Authors notified of abstract acceptance decision **30 June 2026**
- Submission of full papers **30 September 2026**
- Authors notified of full paper review decision **30 November 2026**
- Submission of final full papers **31 January 2027**
- Start of conference **9 May 2027**



► Committees

Organising Committee

(in alphabetical order)

CHAIRS:

Aleš Žnidarič, ISWIM (Slovenia)
Karel Kural, HVTT Forum (The Netherlands)

MEMBERS:

Andrew Lees (United Kingdom), **Anja Kožuh** (Slovenia), **Chris Koniditsiotis** (Australia), **Christopher de Saxe** (United Kingdom), **Deborah Walker** (United States), **Doron Hekič** (Slovenia), **Emma Kemperle** (Slovenia), **Gavin Hill** (Australia), **Gustavo Otto** (Brazil), **Hans van Loo** (Switzerland), **Mateja Šturm** (Slovenia), **Matija Mavrič** (Slovenia), **Sara Ana Žerko** (Slovenia), **Tanja Mohorič** (Slovenia).

Scientific Committee

(in alphabetical order)

CHAIRS:

Aleš Žnidarič (Slovenia)
Christopher de Saxe, HVTT Forum (United Kingdom)
Gustavo Otto, ISWIM (Brazil)

MEMBERS:

Abdool Kamdar (South Africa), **Alejandra Efron** (Argentina), **Andrew Lees** (United Kingdom), **Bengt Jacobson** (Sweden), **Bernard Jacob** (France), **Chris Koniditsiotis** (Australia), **Daniel Ainalis** (Australia), **Deborah Walker** (United States), **Doron Hekič** (Slovenia), **Dom Kalasih** (New Zealand), **Eugene O'Brien** (Ireland), **Francisa Schmidt** (France), **Frédéric Domprobst** (France), **Gavin Hill** (Australia), **Julien Lépine** (Canada), **Karel Kural** (Netherlands), **Lena Larson** (Sweden), **Leonardo Guerson** (Brazil), **Les Bruzsa** (Australia), **Nikhil Muthakana** (South Africa), **Parth Deshpande** (United Kingdom), **Paul Nordengen** (South Africa), **Sogol Karrazi** (Sweden), **Steven Jessberger** (United States), **Sylwia Stawska** (United States), **Thomas Asp** (Sweden), **Tobias Johansson** (Sweden), **Wei Huang** (Canada).

Exhibition Committee

(in alphabetical order)

CHAIR:

Matija Mavrič, ISWIM (Slovenia)

MEMBERS:

Andrew Lees, (United Kingdom), **Anja Kožuh** (Slovenia), **Christoph Klausner** (Switzerland), **Emma Kemperle** (Slovenia), **Hans van Loo** (Switzerland), **Sara Ana Žerko** (Slovenia), **Tanja Mohorič** (Slovenia).



Lake Bled

► Slovenia

Slovenia is a small, diverse Central European country known for its stunning geography, blending Alpine peaks, Mediterranean coast, karst caves, and Pannonian plains within a compact area. An independent nation since 1991, Slovenia offers a mix of outdoor activities, historic cities, thermal spas, and a unique cultural heritage at the crossroads of diverse European influences. This small green country has its own unique character, not only in its landscape but also in its culture and cuisine. Slovenia will surprise you with its diversity once you discover it.



Ljubljana river

► Ljubljana

Ljubljana is Slovenia's charming, green capital, blending historic architecture with modern life, known for its pedestrian-friendly old town, the Ljubljana River with its bridges (like the Triple & Dragon Bridges), and the iconic Ljubljana Castle overlooking it all. It's a compact, walkable city with a lively cultural scene, outdoor cafes, and a strong focus on sustainability, serving as Slovenia's cultural, economic, and educational heart at a Central European crossroads.

► Venue

The conference venue will be the Art Nouveau Grand Hotel Union, the most famous hotel in Ljubljana, located in the heart of the city, at the entrance to its pedestrian zone. The exhibition will take place in the Grand Foyer and the Garden Hall, both attached to the main, secession-style auditorium, which can accommodate up to 500 participants. Conference rooms for parallel sessions on the balcony level adjacent to the auditorium provide hassle-free connectivity for delegates and exhibitors.

► About ISWIM

The International Society for Weigh-In-Motion (ISWIM) is a global association representing all those with an interest in the weighing of vehicles when in motion. Our members include researchers, vendors and end-users of WIM technology (both infrastructure and vehicle-based) and the data it delivers. WIM technology includes systems in or under road pavements, bridges, rail tracks, and on-board vehicles. The data it delivers is critical to the design, maintenance and operation of infrastructure networks and in optimising the operation of innovative heavy vehicles.

ISWIM aims to support advances across WIM technologies and to promote the broader application of WIM systems and data. We do this through the organisation of international scientific conferences; regional seminars and workshops on WIM technology and applications; and through the promotion of the use of WIM systems and data at exhibitions and trade fairs. The ISWIM website (www.is-wim.net) contains papers, articles and other information on international research, projects, and standards related to WIM and its applications.



www.is-wim.net



Grand Hotel Union, Ljubljana



**9 to 13 May 2027,
Ljubljana, Slovenia**

► About HVTT Forum

The purpose of the International Forum for Heavy Vehicle Transport & Technology (HVTT Forum) is to promote and support the development of road freight transport technology, safety and policy and to facilitate information exchange between researchers, policy makers, regulators, road agencies and the transport industry. It does this by running regular international symposia, electronic discussion groups and other relevant initiatives.

The Forum provides a platform for the discussion of contemporary issues related to the safety, productivity and future operations of heavy vehicles, including high productivity vehicles, pavement and bridge infrastructure, vehicle-to-infrastructure interaction, economics, operations and multimodality, compliance and enforcement technologies, dynamics, suspension and tyre technologies, alternative fuels, energy sources and associated technologies, data and information technologies, automation and connectivity, logistics and supply chains, and policy formation and regulations.

The HVTT Forum website provides a complete digital archive of papers presented at our international symposia, dating back to the inaugural symposium in 1986.



www.hvttforum.org

