

| Date/Venue | Event | Description |
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| 11 February 2020 Cape Town | Meeting of Special Interest Group (SIG) Road Safety combined with briefing on Benefits and Contentious Issues of AARTO | President Cyril Ramaphosa has signed the Administrative Adjudication of Road Traffic Offences (Aarto) Bill into law. Aarto will begin being implementation once the law has been gazetted with a commencement date. It will result in the setting up of a demerit system for drivers, who lose points for traffic offences, which may result in the loss of a driving license. But laudable objectives may be tripped-up with the devil in the detail. Adv Niel Louwrens will give us an informed insight into the mechanisms and implications of AARTO. There are pitfalls, but there are positive facets too! The SIG Road Safety will also discuss the way forward with priorities identified in the previous SIG meeting. |
| 19 March 2020 Gauteng | Meeting of SIG Mobility 4.0 | Working Session to review the process to identify transport-related databases and finalise document on Guiding Principles for Access to Big Data resources and discuss action steps on digitalisation of transport in 4IR |
| 2 April 2020 Cape Town | Progress Briefing: Follow-up Session on Congestion Mitigation Initiatives | Congestion is a challenge with the potential to smother our cities. It impacts negatively on economic opportunity, mobility, productivity, health and leisure activity. This session will provide be a follow-on to the workshop in April 2019 on <i>Taking Action to Mitigate Congestion</i> to share interim achievements and identify the next steps. |
| 21 - 24 April 2020 Amsterdam | Intertraffic | The traffic industry is undergoing major changes and developments are on a fast track. Discover the latest solutions in traffic infrastructure, traffic management, smart mobility, road safety and parking. Be part of the largest gathering of traffic and mobility professionals in the world! https://www.intertraffic.com/amsterdam/ |
| Apr-May 2020 TBC Smart Mobility Lab, Stellenbosch University | Connected and Autonomous Vehicles | Connected and autonomous vehicles (CAVs) will bring about huge social, industrial and economic changes. In particular, these innovative vehicles expand the industrial base, improve safety and congestion and drive up productivity. Connected vehicle technologies allow vehicles to communicate with each other and the world around them. Your vehicle is likely already more connected than you realise. Navigation systems include connected vehicle functionality, such as dynamic route guidance. Your GPS-based system receives information on congestion in the road ahead through cellular signals (4G LTE or 3G) and suggests an alternative route. Some vehicles are already being deployed with autonomous functionality, such as self-parking or |

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| | | auto-collision avoidance features. But, until a vehicle can drive itself independently, it is not a true autonomous vehicle (AV). |
| 26 May 2020 Gauteng | Workshop on Using Drones to improve Transport Planning and Operations | Unmanned Aerial Vehicles (UAVs), commonly known as drones, are often described as one of the most dynamic and multi-dimensional emerging technologies and offer a magnitude of applications in the transport arena. This range from traffic surveillance applications to traffic network analysis for overall improvement of traffic flow and safety conditions. The use of camera-equipped drones means that road authorities can view progress on work sites in 3D quality across a much larger area. This new approach reduces the amount of lane closures that teams carrying out upgrade work usually require, in turn reducing disruption to motorists. But, to deliver optimal results, it requires detailed planning, meticulous implementation and compliance with Civil Aviation rules and regulations and safety requirements. |
| 18 – 20 May 2020 Lisbon | 14th ITS European Congress | With the theme ITS: <i>The Game Changer</i> , the 14th ITS European Congress, organised by ERTICO – ITS Europe and the European Commission, will showcase the latest technologies adopted by the Lisbon Region, host of the event, together with all the available ITS services and solutions in Europe. |
| 23 June 2020 Durban | Members Meeting | Briefing on ITS and mobility initiatives in Durban and site visits to transport operations |
| 20 August 2020 Pretoria | ITSSA Annual General Meeting | The Annual General Meeting reports back to members on the activities in the year under review. The AGM elects the Board of Directors to serve in the interests of members for the coming year. |
| 15 September 2020 Cape Town | Congestion Mitigation Review Workshop | Feedback on congestion mitigation initiatives and projects implemented in the City as partnerships between the private and public sector. |
| September 2020 | Big Data and Traffic Engineering | Big Data has been rapidly expanding into the transportation arena. While Big Data is seen as an emerging technology to both practitioners and researchers, significant challenges may arise for transport authorities and planners, industry and transport operators, and other organisations. Discovering novel ways to manage and analyse big data to create value would increase the accuracy of predictions, improve the management and security of transportation infrastructure and enable informed decision-making. It is these challenges that may drive new insights and opportunities and transform the way we perceive transportation and traffic engineering challenges. |
| 4 – 8 October 2020 Los Angeles | 27th ITS World Congress | The 27th ITS World Congress in Los Angeles, CA, October 4-8, 2020 will explore <i>The New Age of Mobility</i> . The recent explosion of new technologies and new forms of mobility are transforming the future of transportation. At a time in which we are focused on moving people, data and freight, how will we prepare for a future that is increasingly more connected, autonomous, shared and electric? The technologies that make our roads safer will also reduce congestion and greenhouse gas emissions, and move us |

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| | | closer to a future of seamless mobility — one that is safer, greener and smarter. |
| 5 – 8 October 2020 Pretoria | Smart Mobility Conference and Exhibition Incorporating the Gautrain Youth Leadership Conference | Speaking to both the every-day mobility challenges and to the vision of the transport systems of the future, the conference theme is Re-imagine Mobility in the Digital Age. Rebranded as the Smart Mobility, it has been hosted every second year since 2001 as the i-Transport Conference. The broader transport environment is undergoing rapid transformation and Smart Mobility is all about moving people, goods and services more efficiently from door to door. Strategies to overcome the challenges of the “first-mile-last-mile” in the mobility value chain will give impetus to public transport and enhance interoperability between all modes with a commuter-centric focus. The ITSSA and UITP Africa will again partner to host the 2020 Smart Mobility Conference and Exhibition. |
| 19 November 2020 Gauteng | Members Meeting Preparing for the impact of 5G on Transport | As the arrival of 5G technology nears closer, businesses across all industries are preparing for what’s to come. The transportation industry, ranging from public buses to private logistic fleets, is a sector that could benefit greatly from the introduction of next-generation wireless networks. When added to existing network architectures, 5G technology has the potential to provide increased visibility and control over transportation systems. The low latency, high capacity, and reliability will enhance how goods and people travel. |