



EVOLVE, in Collaboration with ASEAN Road Safety Week 2023, Marks a Pivotal Moment in Road Safety

The culmination of EVOLVE, held in conjunction with ASEAN Road Safety Week 2023, resounds with a transformative impact on the future of road safety, not only in Malaysia but across the expansive ASEAN region. Under the theme "Empowering Road Safety through Electric and Autonomous Vehicles," this pioneering event was jointly organized by the Automotive Development Centre (ADC) at Universiti Teknologi Malaysia (UTM) and the Malaysian Institute of Road Safety Research (MIROS) under the Ministry of Transport (MOT). The symposium was proudly officiated by UTM's Deputy Vice-Chancellor, Prof. Dr. Rosli Bin Md. Illias.

EVOLVE received invaluable support from its primary sponsor, Cyberview Sdn Bhd, as a co-organiser of ASEAN Road Safety Week (ARSW) 2023, mobility strategic partner and venue sponsor for this event. Besides, it also received generous support from its co-sponsors, the Malaysian Green Technology and Climate Change Corporation (MGTC) and the Society of Automotive Engineers Malaysia (SAEM). It effectively convened thought leaders, experts, and stakeholders, forging a path through the intricate terrain where electric and autonomous vehicles intersect with road safety.

EVOLVE Symposium, firmly anchored within UTM's AIM4STAR Consortium ecosystem, stands as a paragon of the Quadruple Helix approach, harmonizing government agencies, industry leaders, academic institutions, and the public. This momentous event serves as an enduring testament to the unwavering commitment of both organizers and sponsors to address the pressing issue of road safety through innovation, knowledge-sharing, and collaboration. It leaves behind an indelible legacy destined to shape the road safety landscape for years to come.

Keynote Highlights from EVOLVE Symposium 2023

The symposium featured keynote presentations by esteemed experts, shedding light on various facets of road safety and innovation:

Ir. Dr. Shuhaibul Fadly Bin Mansor - eMooVit Technology Sdn Bhd

Topic: Autonomous Vehicle Safety and Testing

Summary: Dr. Shuhaibul emphasized the critical role of autonomous vehicle technology in reducing human error on the road. He highlighted eMooVit Technology's commitment to software development for autonomous vehicles and extensive safety testing in real-world conditions.

Ir. Amir Hussein Bin Jaafar - Micro Concept Sdn Bhd

Topic: Ensuring Electric Vehicle Safety through Methodical Development and Testing

Summary: Ir. Amir underlined the importance of systematic methods and comprehensive testing in guaranteeing the safety of electric vehicles. His insights encompassed testing protocols for high-voltage components, batteries, and vehicle designs.

Ir. Dr. Rifqi Irzuan Bin Abdul Jalal - UniKL-MFI

Topic: Electric Vehicle Conversion in Malaysia

Summary: Dr. Rifqi delved into the burgeoning electric vehicle conversion sector in Malaysia, emphasizing the significance of safety-conscious design practices in the context of challenging climate conditions.

Dr. Mohd Ibthisham Bin Ardani - LoCARTic, UTM

Topic: Navigating the Charge – Insights into Electric Vehicle Battery Handling

Summary: Dr. Ibthisham provided valuable insights into the crucial role of electric vehicle batteries in achieving energy efficiency. He emphasized the importance of proper battery installation and repair to ensure safety and performance.

These keynote presentations ignited discussions during the forum, moderated by Ts. Dr. Zulhasni Bin Abdul Rahim, inspired collaborative efforts, and provided a roadmap for enhancing road safety in the era of electric and autonomous vehicles.

Commitment to Road Safety

As the EVOLVE concludes, the organizers reiterate their commitment to advancing road safety in the region. The insights gained and collaborations formed during this event will play a pivotal role in shaping safer roads for communities across ASEAN.

For more information about EVOLVE, including speaker presentations and event highlights, please visit <https://research.utm.my/adc/evolve/>.

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About EVOLVE Symposium

EVOLVE is an event organized by the Automotive Development Centre (ADC) at Universiti Teknologi Malaysia (UTM) and the Malaysian Institute of Road Safety Research (MIROS). It serves as a pivotal platform for exploring innovations and solutions in road safety, particularly in the context of electric and autonomous vehicles. For more information about EVOLVE, please visit <https://research.utm.my/adc/evolve/>.

About ASEAN Road Safety Week 2023

ASEAN Road Safety Week 2023 is an initiative aimed at raising awareness about road safety and fostering collaboration among ASEAN member countries to reduce road traffic crashes and fatalities. For more information about ASEAN Road Safety Week 2023, please visit <http://arsw.miros.gov.my>.

