

Automotive Summit 2017 Driving toward Automotive Industry 4.0

Nowadays, automotive industry is in the pace of acceleration for emerging technology which comes to encourage the way we had expected for our mobility. The key factors to drive the industry forward steadily are a combination of cutting edge technology and advanced production techniques. To produce modern vehicle, standardization, advanced production tooling and innovation are required to guarantee success. Because of this, the automotive industry needs to be organized in the more efficient way to response the changes.

Since the global industry is now evolving into stage of the fourth industrial revolution. Thus, Thailand has attempted to evolve its industry structure to 4.0 generation by fostering the S curve industry and automotive industry is inevitably to step into industry 4.0 era with the new engine of growth to drive the automobile and auto-parts sector. Next generation vehicle requires innovative design for auto-parts equally with advanced manufacturing innovation. The digitalization of factory and automation technology will play to role to boost efficient productivity. Although new vehicle models are getting higher level of safety and have more driving assistant features; however, to get market perception of quality, the standardizations are still required. While the future vehicles like electric or driverless vehicle are becoming more interested, these will turn manufacturers to challenge on shifting their existing capabilities to capture future vehicle market. Additionally, government has also supported for infrastructure investment by providing Proving Ground to build a strong platform to move forward.

Automotive Summit is a major and comprehensive event for automotive industry which delivers knowledge of automobile technology and development trend, auto parts testing and standard. Many of leading auto parts operators, engineers and industrialists from many regions will attend this event to perceive the new knowledge and build up the networking with policy authority, executive, business leader and auto parts manufacturer. Moreover, specialists will share their knowledge in technology and automotive testing standard by following major topics:

- Testing Technology, Component and Part Development, State of the Art in Vehicle Technology
- Industry updating, Standard and Regulation, Advanced Production Technology

Concept Key elements and trends on automotive industry toward automotive industry 4.0
Date / Time Wednesday 21st - Thursday 22nd June 2017, 09.00 - 15.50 hrs.
Venue Bangkok International Trade & Exhibition Centre (BITEC), Bang Na, Bangkok

Co-organized by

- Thailand Automotive Institute (TAI)
- Reed Tradex

Who should attend?

- Executive in automotive manufacturer, auto parts manufacturer and supporting industry
- Industrialist from automotive manufacturing industry, auto parts production and supplier
- Member and executive of related association / organization
- Government officer from several related Ministries and institutes
- Member of the press

Why should attend?





- Opportunity to be acknowledged in the technology of testing and automotive and automotive product testing standards
- Networking with executive, business leader, senior government officer and entrepreneur

(Draft)

Automotive Summit 2017

“Driving toward Automotive Industry 4.0”

Wednesday 21st June 2017: Time 9.30 - 12.00 hrs., Grand Hall 202-203, 2nd Floor BITEC, Bangkok

Time	Topic	
08.30 – 09.30 hrs.	Registration	
09.30 – 09.35 hrs.	VDO Presentation	
09.35 – 09.40 hrs.	Opening speech: by Mr. Isara Burintramart Managing Director Reed Tradex Co., Ltd.	
09.40 – 09.45 hrs.	Welcome speech: by Dr. Nattapol Rangsitpol Member of the Board of Directors, Acting President of Thailand Automotive Institute	
09.45 – 10.05 hrs.	Keynote address and congratulatory message: “Eastern Economic Corridor, Working Together for the Future of Thai Automotive Industry” by H.E. Dr. Uttama Savanayana Minister of Industry	
10.05 – 10.25 hrs.	Keynote address and congratulatory message: “Challenge and Opportunities of Thailand Supporting Industries towards Thailand 4.0” by H.E. Dr. Suvit Maesincee* Minister Attached to the Prime Minister's Office	
10.25 – 10.40 hrs.	Ribbon cutting ceremony / photo session	
10.40 – 11.00 hrs.	Coffee break	
11.00 – 11.45 hrs.	Keynote “Proving Ground - More than Testing” by Mr. Ramon Figols Project Manager, Test Facility Design Applus IDIADA	

Remarks

- All Presentation will be conducted in English
- The organizer reserved the right to adjust program without prior notice.
- *To be confirmed

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Automotive Summit 2017 "Driving Toward Automotive Industry 4.0"

Wednesday 21st June 2017: Time 12.30 - 15.50 hrs., Grand Hall 202-203, 2nd Floor BITEC, Bangkok

Session : Innovation & Design

Description : Cutting edge technology of vehicle innovation and design features

Chairperson : Dr. Pongpan Kaewtatip

Time	Topic	
12.30 – 13.00 hrs.	Registration	
13.00 – 13.25 hrs.	"Technology & Innovation for the Future Mobility" by Mr. Jeffrey Gaudio Managing Director & CEO BMW Manufacturing (Thailand) Co., Ltd.	
13.25 – 13.50 hrs.	"The project of a made in Italy bike in Thailand, a hub of Asia" by Mr. Samuele Domeniconi Asian Supplier Development Director Ducati Motor (Thailand) Co., Ltd.	
13.50 – 14.15 hrs.	"Model based design approach" by Mr. Thanawai Srisompong Regional Senior Application Engineer TechSource Systems (Thailand) Co., Ltd.	
14.15 – 14.40 hrs.	"Electrification Tailored to Fit" by Mr. Joerg Laatsch Vice President Powertrain ASEAN Continental Automotive (Thailand) Co., Ltd.	
14.40 – 15.05 hrs.	"Innovation in Gasoline Injection" by Mr. Martin Knoss Regional President - ASEAN Region Robert Bosch Automotive Technologies (Thailand) Co., Ltd.	
15.05 – 15.30 hrs.	"Transfer Path Analysis Innovations for Airborne Noise problems with focus on Pass-By-Noise" by Mr. Henrique Abrão Senior Presales Consultant ADT Systems (Asia Pacific) Co., Ltd.	
15.30 – 15.50 hrs.	Coffee break	

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Automotive Summit 2017 "Driving Toward Automotive Industry 4.0"

Thursday 22nd June 2017: Time 09.00 - 12.00 hrs.,
Grand Hall 203, 2nd Floor BITEC, Bangkok

Session : Automotive Standard, Testing & Environment

Description : Vehicle's standards for safety and environment with related testing solutions

Chairperson : Dr. Nuwong Chollacoop

Time	Topic	
09.00 – 09.30 hrs.	Registration	
09.30 – 10.00 hrs.	"Future of Vehicle Efficiency in Thailand" by Mr. Tali Trigg Project Director of Energy Efficiency and Climate Change Mitigation in Land Transport Sector in ASEAN Region Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	
10.00 – 10.30 hrs.	"E-Mobility" by Mr. Uwe Kraenzel ASEAN ATS General Manager HORIBA (Thailand) Limited	
10.30 – 10.50 hrs.	Coffee Break	
10.50 – 11.20 hrs.	"Mastering RDE and CO₂ Requirements: The Challenge for Gasoline Engines" by Mr. Christopher Peter Heraud Skill Team Leader for Development and Calibration AVL SEA & AUSTRALIA Co., Ltd.	
11.20 – 11.50 hrs.	"Topic....." by Speaker TÜV SÜD AG	

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"Driving Toward Automotive Industry 4.0"

Thursday 22nd June 2017: Time 12.30 - 15.50 hrs.,
Grand Hall 203, 2nd Floor BITEC, Bangkok

Session: Automation Technology & Productivity

Description : Modern green automotive factory 4.0 : The integration of new robotic technology and state of the art production techniques

Chairperson : Dr. Nuksit Noomwongs

Time	Topic	
12.30 – 13.00 hrs.	Registration	
13.00 – 13.30 hrs.	"Industry 4.0 Platform for Automotive Manufacturing" by Assoc. Prof. Dr. Djitt Laowattana Founder and Advisor Institute of Field Robotics (FIBO), King Mongkut's University of Technology Thonburi	
13.30 – 14.00 hrs.	"Smart and Green Manufacturing for Automotive Industry" by Mr. Johnny Tam Director, Sales & Marketing, Business Development Delta Electronics (Thailand) PCL.	
14.00 – 14.30 hrs.	"Application of Technology in Automotive Automation" by Mr. Yeap Swee Chuan President & CEO APPICO Hitech PCL.	
14.30 – 15.00 hrs.	"New Manufacturing Method to Meet 4.0 Standard Requirement" by Mr. Luca Fameli APAC Sales Director COMAU (Thailand) Co., Ltd.	
15.00 – 15.30 hrs.	"Topic....." by Dr. Supachai Vongbunyong Lecturer & Assistant Director of Research and International Affairs Institute of Field Robotics (FIBO), King Mongkut's University of Technology Thonburi	
15.30 – 15.50 hrs.	Coffee break	

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