Agenda of the

Poland-Taiwan Seminar

on Electrical and Smart (Autonomous) Mobility

November 20, 2019

Venue: room Bałtyk III, **Marriott Warsaw Hotel**

Al. Jerozolimskie 65/79, 00-697 Warsaw

9.00 - 9.30	**Registration and coffee**
9.30 - 10.00	Welcome and opening speeches: **Ms. Yu-Han TSOU** – Deputy Minister, Ministry of Science and Technology, Republic of China (Taiwan) **PhD Eng. Wojciech KAMIENIECKI** – Director of the National Centre for Research and Development (Poland) **Mr. Yeong-Her WANG** – President of NARLabs National Applied Research Laboratories (Taiwan) **Prof. Marcin ŚLĘZAK** – Director of the Motor Transport Institute (Poland)
10.00 - 10.20	**Prof. K. David HUANG** *Reviving aged lithium-ion batteries and prolonging their cycle life* National Taipei University of Technology/Department of Vehicle Engineering
10.20 - 10.40	**PhD, Eng. Marek MICHALCZUK** *Fuzzy logic control of a hybrid battery-ultracapacitor energy storage system for an urban electric vehicle* Warsaw University of Technology/Faculty of Electrical Engineering
10.40 - 11.00	**Prof. Jyh-Chin JUANG** *Taiwan CARLab: Connected, Autonomous, Road-test* National Cheng Kung University/Department of Electrical Engineering
11.00 - 11.20	**Martyna ABENDROT-MIŁUŃSKA** *Integration in traffic modelling: local and national level* PTV CEE
11.20 - 11.50	**Coffee break**
11.50 - 12.10	**Maciej MAZUR** *Poland's role in the development of the global lithium-ion batteries market* Polish Alternative Fuels Association
12.10 - 12.30	**Paweł MARKIEWICZ** *The Unsung Hero of Mobility: Smart Vehicle Architecture* Aptiv Services Poland

12.30 - 12.50	**Prof. Bo-Chiuan CHEN** *Dynamics Control of Autonomous Vehicles* National Taipei University of Technology/Director of Vehicle Technology Research Center
12.50 - 13:10	**PhD, Eng. Mikołaj KRUSZEWSKI** *Transfer of Control in L2-L4 vehicles – human perspective* Motor Transport Institute
13.10 - 13.30	**Assoc. Prof. Yu-Chen LIN** *Development of ADAS and Vehicle Control System Based on AI Technology and Embedded Platform Realization* Feng Chia University/Department of Automatic Control Engineering
13.30 - 14.30	**Lunch break**
14.30 - 14.50	**PhD. Michał NIEZGODA** *Simulation technologies for the testing and development of driver monitoring systems* Robocar Technologies Company
14.50 - 15.10	**Prof. Jing-Jou TANG** *Design of CAN Bus On-Board Diagnosis System OBDII/J1939 for Light Duty(LD)/Heavy Duty(HD) Vehicles* Southern Taiwan University of Science and Technology/Department of Electronic Engineering
15.10 - 15.30	**Assistant Researcher Tung-Ying HSIEH** *How semiconductor technology can contribute to modern autonomous vehicle chip?* National Applied Research Laboratories
15.30 - 16.00	Discussion
	End of the seminar