



2018 International Forum on HD Map for Autonomous Vehicles

Date : 2018/10/30 (Tue) 8:30-16:30

Venue : Howard International House 14F

2018 International Forum on HD Map for Autonomous Vehicles Invitation

Gentlemen,

Based on the project of autonomous vehicles in Taiwan, the development of High-Definition Map (HD Map) has been rapidly started. The advancement of HD map has attributed to many aspects in geomatics and autonomous vehicles. This forum will reflect the core spectrum of the latest technologies and products.

With the support from Taiwan government, industries and academia, Department of Geomatics of National Cheng Kung University (NCKU) will host a forum entitled “**International Forum on HD Map for Autonomous Vehicles**”, which is going to be held in **Howard Civil Service International House, Taipei City, Taiwan (R.O.C.)** on **October 30th, 2018 form 8:30 to 16:30**. It is our honor to invite you to participate in the forum and give a speech about the technologies or products.

We look forward to seeing you at the forum in Taipei, Taiwan (R.O.C.), and will be delighted not only with your visit but also have you to experience Taiwanese culture and warm hospitality.



2018 International Forum on HD Map for Autonomous Vehicles

Invitation

Advisers

- Industrial Development Bureau, MOEA (IDB)
<https://www.moeaidb.gov.tw/ctrl?PRO=index&lang=1>
- Department of Land Administration, Ministry of the Interior
<https://www.land.moi.gov.tw/enhtml/index.asp>
- Asia Silicon Valley Development Agency
<https://www.asvda.org/eng/index.aspx>

Organizers

- Institute for Information Industry
<https://web.iii.org.tw/>
- National Cheng Kung University
<https://web.ncku.edu.tw/index.php?Lang=en>
- NCKU Research & Development Foundation
<http://ckhp.ncku.edu.tw/en/index.html>
- Chinese Society of Photogrammetry & Remote Sensing
<http://www.csprs.org.tw/>

Co-Organizers

- Taiwan Telematics Industry Association
<http://www.ttia-tw.org/letters.php?wshop=ttia&lang=en>
- Taiwan Association of Information and Communication Standards
<https://www.taics.org.tw/eng/>

2018 International Forum on HD Map for Autonomous Vehicles

Agenda

| 2018 International Forum on HD Map for Autonomous Vehicles - Agenda | | | | | |
|---|---|---------|---|---|------------------------------------|
| October 30th 2018, Howard International House 14F | | | | | |
| 08:30 – 09:00 | Registration | | | | |
| 09:00 – 09:20 | Opening Ceremony | | | | |
| 09:20 – 09:30 | 2018 Taiwan HD map Project Achievements Seminar / Institute for Information Industry | | | | |
| 09:30 – 09:40 | 2018 The Technological Development of Mobile Mapping System / National Cheng Kung University | | | | |
| 09:40 – 09:50 | Taiwan Autonomous Vehicle HD map industry Standardization Launching Ceremony | | | | |
| Time | Session | Country | Presenter | Topic | Chairman |
| 09:50 – 10:15 | Session 1 | Japan | Dynamic Map Platform Mr. Keisuke Tajima | Overview of High-Definition Map in Japan | NCKU Prof. Kai-Wei Chiang |
| 10:15 – 10:40 | Session 2 | Japan | Kokusai Kogyo Co., Ltd. Dr. Wentao Che | The HD Map Creation Technology and Experiences for Japan's Autonomous Driving | |
| 10:40 – 10:50 | Discussion | | | | |
| 10:50 – 11:10 | Tea Break | | | | |
| 11:10 – 11:35 | Session 3 | Taiwan | Department of Electrical Engineering, National Cheng Kung University Prof. Jyh-Ching Juang | Introduction of Autonomous Vehicles in NCKU | NCKU Prof. Chung-Yen Kuo |
| 11:35 – 12:00 | Session 4 | Taiwan | National Chung Shan Institute of Science and Technology Dr. Chih-Ping Lin | Automotive 3D flash lidar technology | |
| 12:00 – 12:10 | Discussion | | | | |
| 12:10 – 13:30 | Lunch | | | | |
| 13:30 – 13:50 | Session 5 | Taiwan | Acer Incorporated Mr. Niise Wu | What roles does HD MAP play in Acer SDC project | NCKU Prof. Chi-Kuei Wang |
| 13:50 – 14:10 | Session 6 | Taiwan | LILEE Systems Dr. Jia-Ru Li | ACES in Mobility-Mission Critical Transportation Cloud | |
| 14:10 – 14:30 | Session 7 | Taiwan | GEOSAT Aerospace & Technology Inc. Dr. Zheng-Fang Luo | Experience of Centimeter-level HD Map Mapping | |
| 14:30 – 14:45 | Discussion | | | | |
| 14:45 – 15:15 | Tea Break | | | | |
| 15:15 – 15:35 | Session 8 | Taiwan | Here Technologies Mr. Fred Huang | HD Maps for Highly Automated Driving | NCKU Prof. Kai-Wei Chiang |
| 15:35 – 15:55 | Session 9 | Taiwan | TomTom Mr. Chang, Morris | Introduction on TomTom HD Maps for Autonomous Driving | |
| 15:55 – 16:15 | Session 10 | USA | Civil Maps Mr. Sravan Puttagunta | Mapping for the future | |
| 16:15 – 16:30 | Discussion | | | | |