

Taiwan Drone Forum 2018

Howard International Culture and Education Center

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Drone has become a new world trend for a wide spectrum of civilian applications. The global commercial drone industry saw significant growth in recent years. In past decade, Taiwan's governmental agencies, academic institutes, and private sectors have also invested lots of resources with tremendous outcomes at certain levels of drone systems development, commercial promotion, and specific applications. However, Taiwan is lacking of a strategical plan at the national perspectives to promote and accelerate the drone's technology and economics by synergizing the existing interests and competences from governmental, academic, and industrial sectors. Challenges include how to build up the policies, strategic goals, technology roadmap, core facility, testing fields, regulations, certifications, and man powers, etc. based upon the national expectations and world's trend on drone's development.

Taiwan's Drone Forum 2018 is hosted by National Applied Research Laboratories (NARLabs), a non-profit organization established by Ministry of Science and Technology (MOST) in 2003, with missions to facilitate and bridge the research activities between academia and industry. The main purposes of this forum are to solicit the concerns, needs, strategies, and expectations, from domestic drone community, for establishing a national drone research center under NARLabs to facilitate the nation's drone researches and economics. Several experts from international and domestic drone community will be invited to share their perspectives and experiences with audiences. The forum topics include:

- Advanced drone technologies for payload, long endurance, high performance platform
- Artificial Intelligent(AI) incorporate with drone-based technologies and their applications
- Drone/UAS regulations and rules, formation, execution and international cooperation
- Drone/UAS Traffic Management (UTM) system, function capability in non-integrated and integrated airspace
- Operator training and license, drone operator training facility, examination and certification
- Test area selection and test project demonstration
- Other drone related topics

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