

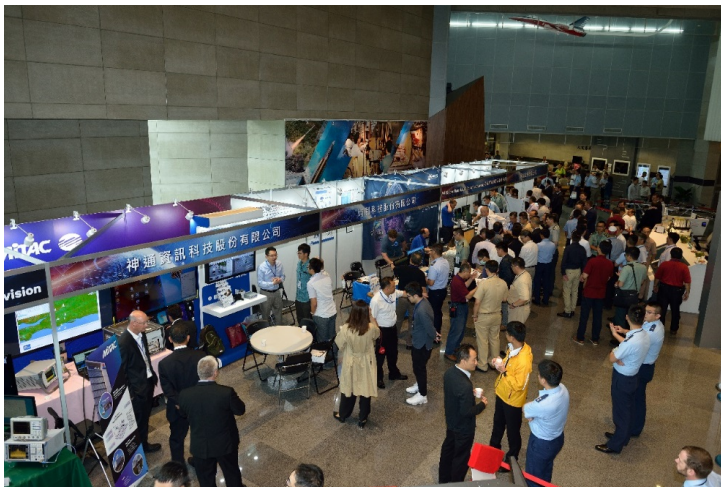
Association of Old Crows Taipei Chapter holds 2019 Annual Conference



President of the Taipei Chapter of the Association of Old Crows Dr. Ko, Ping-Ya (Vice President of the NCSIST)

The AOC Taipei Chapter has been established for more than 40 years. This year, in line with the "Defense Industry Regulations" policy, the Taipei Chapter will be expanded to provide a platform for tactical exchange and technical discussion between the military, R&D units and manufacturers to enhance Taiwan's defense industrial development in the fields of electronic warfare and cyber warfare.

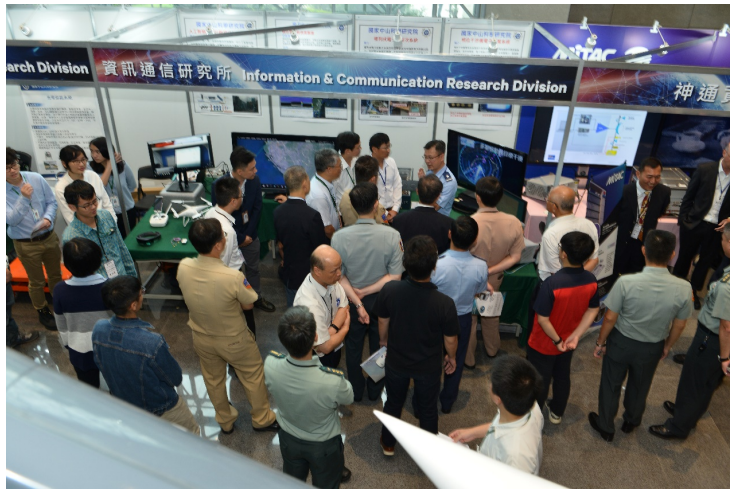
Recently, the 2019 Annual Conference was held at the National Chung-Shan Institute of Science & Technology (NCSIST), Taiwan, R.O.C. to showcase the state-of-the-art electronic warfare and cyber warfare equipment and invite experts to give special lectures and seminars. The conference was chaired by Dr. Ko, Ping-Ya, president of Taipei Chapter and vice president of the NCSIST. Invited were the Vice Minister of the Ministry of National Defense Lee, Ting-Sheng, the Director of the Department of Regulations Xie, Jun-Shan, the Commander of the Army Training Center Ye, Rui-Jia, and the Ministry of National Defense, the relevant units of the three armed forces, the National Defense University and individual members. More than 200 people attended the 2019 Annual Conference.



2019 Annual Conference exhibition area

In the field of information communication and electronics, although Taiwan has first-class human resources and high-end R&D technology, it still needs to continuously improve the full-time skills of the power warfare manpower. It is also necessary to integrate military and civilian innovative thinking, and strengthen system integration in the combination of government, industry, universities and institutes to enhance asymmetrical warfare. Recently, the United States and China (P.R.C.) are competing for the development of 5G technology.

Considering the rapid development of global electronic communication and networks, the multiple threats and impacts generated by means of communication, radar and the internet have brought significant impact on electronic warfare and cyber warfare equipment and tactical warfare.



2019 Annual Conference exhibition area

The theme of the conference was "Modernized Electromagnetic Spectrum Operation," which was jointly conducted by the NCSIST Information & Communication Research Division, the German PLATH Company, U&U Engineering Inc., the British MASS Company, ZYFX Technologies Inc., and the Israel CYBERGYM Company. Special lectures and seminars included: "Cognitive Electronic Warfare," "Automatic Interception of SOI – Get More Results with Less Operators," "The Necessity of Realizing Dynamic Spectrum

Management and Its Results," "Practical Application of Electromagnetic Parameter Preparation and Verification," "Electronic Warfare Operational Support Services and Solutions" and "Cyber Warfare System."

In addition, the conference also showcased new electronic warfare and cyber warfare technology and capabilities of domestic companies and countries, as follows: the United States, Britain, Germany and Israel, the NCSIST Information & Communication Research Division, the NCSIST Electronic Systems Research Division, the NCSIST Materials and Electro-Optics Research Division, MITAC Information Technology Corp., SystemCom.Co.,LTD., U&U Engineering Inc., and ZYFX Technologies Incorporation.



Dynamic's interference gun counter-attack system

The conference showcased state-of-the-art equipment and applications, including the heavy-payload multi-axis tethered drone system, the phase interferometer electronic detection system, artificial intelligence applied to brain wave analysis device, the man-pack detection and direction-finding system, the photo-electric tracking system, the micro-small phase radar, the radar target simulator, the network threat intelligence platform, the cyber-attack and cyber-defense range, and electronic warfare training simulation system. Dynamic also

demonstrated the interference gun counter-attack against a drone in an outdoor demonstration. Overall, the variety of products and contents made the participants feel enthusiasm and satisfaction about the exhibition.