Exhibition at Thailand National Science Technology Fair 2019

From 16th (Fri) to 25th (Sun), the National Science Technology Fair (NSTF) hosted by the Ministry of Higher Education, Science, Research and Innovation of Thailand was held and exhibited at IMPACT, an exhibition hall in Nonthaburi Province, northern Bangkok. The NSTF has been held since 1986, with 1 million people visiting every year according to the organizer, and NICT has been exhibiting every year since 2007. For the NSTF, we set up a booth in the Japanese Pavilion together with Japanese research institutions in Thailand and Singapore. Similar to last year, in collaboration with the Embassy of Japan in Thailand, NICT took the initiative in coordinating the overall layout of the Japan Pavilion with related organizations. The main exhibits of NICT are as follows.

1. Collaborative research with Chulalongkorn University (CU) on optical access and optical devices
2. Collaborative research with King Mongkut's Institute of Technology Ladkrabang (KMITL) on space weather forecast
3. In addition, 5G research, Himawari satellite image data real-time web with NECTEC, bass location system using NerveNet in CU, VoiceTra and ASEAN IVO

During the NSTF, by having the students of the joint research institute explain in "Thai" to the visitors, especially elementary and junior high school students, we can get interested in NICT activities and deepen their understanding.

Especially for children, in addition to demonstrations of optical communication using visible light, demonstration of the earth environment and the earth's magnetic field using batteries and magnets and plasma toys and some attractions such as mathematical exercises and origami etc.