

## Post-Event Report (CASS Outreach Initiative)

### 1. The title of the activity

Sense-Making IoT Workshop for Young Researchers

### 2. Name of Proposer

Dr Kwen-Siong Chong (email: [KSChong@ntu.edu.sg](mailto:KSChong@ntu.edu.sg))

### 3. Total Number of Participants

100

### 4. Cost

No		US \$
1	Arduino Prototypes for Students	\$2254
2	Food (Breakfast, Lunch, Tea Break)	\$951
3	Workshop Instructor Fee x 1	\$308
4	Honorarium for Invited Speakers x 3	\$600
5	Student Helpers	\$192
6	Prices for competition	\$185
7	Free IEEE student/CASS memberships x 20	\$760
8	Social Visit (Outing)	\$1268
	Total	\$6518

## 5. A brief description of the activity (Max 1-page)

Date/time: 3 Oct 2017/ 9.00am to 5.00pm

Venue: Garage@EEE (Nanyang Technological University, Singapore)

IEEE Circuits and Systems Society (CASS), Singapore Chapter, held the workshop entitled “Sense-Making IoT Workshop for Young Researchers” at Nanyang Technological University, on 3 Oct 2017. About 2 months before the workshop, Singapore Chapter had organized an outing activity to promote both the CASS and the workshop. Singapore Chapter also promoted the workshop via many channels, including e-mail broadcast to all local universities.

The workshop was organized to allow the local post-graduate students to learn an IoT platform, to interact with their cohorts, and to get them connected with CASS. We shared many activities organized by Singapore Chapter and CASS. The workshop also promoted the IEEE membership and CASS membership to current post-graduate students.

The workshop had four parts, including (i) to learn the hardware prototyping to make an IoT robot, (ii) to learn the programming to control the IoT robot, (iii) to have a competition among all the participants, and (iv) to have an industry talk given by Dr Yi Wang, from Continental. Three groups were selected for the winners. The workshop and the outing collectively drew more than 100 participants.

The overall outreach activity was successful, meeting all our objectives; see some photos below.

