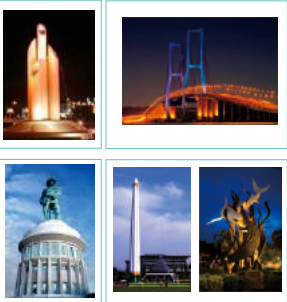


# About Surabaya

As the second largest city in Indonesia and the capital city of East Java province, Surabaya is well-equipped with public facilities and infrastructures. Surabaya with a population of over 2.7 million is located in the equatorial region. Hence there are only two seasons: a very humid rainy season and a dry season. Surabaya is the main seaport and commercial centre in the eastern region of Indonesia. Surabaya also known as "City of Heroes" due to the importance of "Sepuluh Nopember (10<sup>th</sup> of November)" battle during Indonesia independence war. Surabaya is a multi-ethnic and multi religion city. It is very vibrant city that offers dynamic life style. In addition to Indonesian language, the majority of residents speak a dialect of Javanese called "Suroboyoan". English is also widely spoken at major shops, hotels and universities. Surabaya is also famous for many landmarks such as Tugu Pahlawan (Heroes Monument), Suro and Boyo Statue (Surabaya City's Symbol), Suramadu



## Institut Teknologi Sepuluh Nopember (ITS)



Being one of the best universities in Indonesia, vision of Institut Teknologi Sepuluh Nopember (ITS) is to be an innovative research university with international recognition. ITS, which was founded in 1961 and consists of 5 faculties, offers courses and research in science and technology. Currently ITS has more than 20,000 students, 1,000 academic staffs, and 1,000 non academic staffs. Located at Eastern area of Surabaya, ITS occupies a large area totaling 180 hectares as its main campus in Sukolilo sub-district.

ITS is prominent to provide excellent scientific activities, pleasant natural life environment, very friendly atmosphere, and enormous community spirit. Working together with national and local government, industries, NGOs, community, and all stakeholders including alumni, ITS carries out strategic programs such as integrated internationalization programs, Lab-based-Education (LBE), technopark, eco-campus, comprehensive research and community outreach.







# CommTECH

## (Community & Technological Camp)

- Solving Local Problems with Global Knowledge -







### ITS International Office

Rectorate Building 1<sup>st</sup> Floor | ITS Campus, Sukolilo Surabaya 60111  
Phone/Fax: +62 31 5923411 | Website: [www.international.its.ac.id](http://www.international.its.ac.id)  
Email: [commtech@its.ac.id](mailto:commtech@its.ac.id) | [internationaloffice.its@gmail.com](mailto:internationaloffice.its@gmail.com)

# About CommTECH

Continuing 2012 to 2015 Community and Technological (CommTECH) Camp, this time ITS again offers very fascinating programs for international partners under CommTECH Camp nsight 2017. In Insight 2017, there would be three sub courses on biomedical engineering innovation, game development programming and sociopreneurship in action. Not only thematic courses, the program will incorporate Indonesian language course, traditional music and dance classes, and batik making. Tasting delicious Indonesian foods and visiting Surabaya community and main tourist destinations will definitely become inseparable parts of the program.

All courses are designed attractively based on Participant-based-Learning (PbL) method. Materials have been compiled from many credible resources and added with interesting data and facts that will provide broader and deeper understanding on the topics. "Think Loudly" is a term encouraged in the classroom interaction, in which participants are given great opportunities to articulate their understanding and opinions. This method would provide best learning environment for participants from different countries and background to raise ideas and discuss different perspectives. All the courses have been successfully run in 2016 with great feedbacks from participants.

This program will be held for 10 days. The fee to join this program is very affordable, i.e USD 1,600. The fee will cover airport pick-up & drop-off, accommodation and all scheduled meals, local transportation, course material, workshop tools & materials such as fabrics, T-shirt & backpack, and site visits. Please note that round-trip flight and health insurance are not part of the fee. Participant should arrange their own health insurance prior to the departure, if needed.

## How to Apply ?

CommTECH Insight 2017 will open registration from **18 September - 29 December 2016**. Registration form available at [www.international.its.ac.id/commtech-insight-2017/](http://www.international.its.ac.id/commtech-insight-2017/)

Three types of scholarships\* are provided as follows:

- Full Scholarship (for 10 participants)
- 50% Scholarship (for 10 participants) - pay USD 800
- Partial Scholarship (for 5 participants) - pay USD 1,000

- Selected participants with or without scholarship will be notified by email maximum one month after the submission of the registration form
  - Participants who have to pay full or partial course fee are requested to pay no later than appointment date
  - Acceptance letter or invitation letter will be provided for visa arrangement
- For further enquiries, please contact Mr. Wahyu at [commtech@its.ac.id](mailto:commtech@its.ac.id) or [internationaloffice.its@gmail.com](mailto:internationaloffice.its@gmail.com)  
\*Scholarship is provided for selected participants from different institutions

## Requirements

- Scanned passport
- One recommendation letter from your university
- Scanned students/staffs/lecturers I.D or statement letter that you are staff or lecturers from your university

## Testimony of participants

Ms. Lyudmila Schkumat (CommTECH Camp Highlight 2015)  
Former Specialist of International Students Service Center  
Tomsk State University, Russia



What is CommTECH? CommTECH is about people. CommTECH is about country. CommTECH is about friendship. CommTECH is a very thought-out program. Day by day you will learn about the culture and immerse yourself in it. For me CommTECH became even more than just short summer program. And I'm very thankful to be a part of this huge family

Dr. Serey Mardy (CommTECH Camp Highlight 2015)  
Deputy Head of Office of Research & Development,  
Svay Rieng University, Cambodia



"Taking ten days to participate CommTECH Camp Highlight 2015 in ITS of Surabaya was one of the best experiences I have ever had. I really felt the real experience of joining. No, it's more than experience. I have excitedly got some skills, gained trust, warm welcome and met many new friends from around the world. CommTECH Camp Highlight is like an extreme program and I strongly suggest you not to miss to participate it".

Ms. Herehau Blais (CommTECH Camp Insight 2016)  
Master Students - Université de Technologie  
Compiègne (UTC) France



"In CommTECH Camp, you will discover how to make lifelong friendships in 10 days. You will also learn about cultural aspects in a very friendly and interactive way by visiting SME, admiring Indonesian landscapes such as Mount Bromo or enjoying its waterfalls while doing rafting. The courses are concrete, inspired by elements directly noticed in the environment and help developing our open-mindedness in that new country. In a word, why haven't you joined yet?"

Ms. Natalie Rehberger (CommTECH Camp 2014)  
Senior Students, Evergreen State College, USA



Being a CommTECH participant was a great learning experience. Not only was I able to further my studies of Indonesia, but I met many amazing people from around the world who I continue to have friendships with. In today's globalized world, increasing cross-cultural understanding is vital in order to solve global problems. ComTECH creates a hands-on environment

## SUB COURSE A Sociopreneurship in Action



This course will not only introduce participants to the concepts of social enterprise but also will bring participants to experience how to build a social enterprises. The sub course will cover some important aspects of new venture creation from idea generation, brainstorming, prototyping, validating and testing the idea and develop the right business model. Experiential learning, in which participants will observe, visit, and live in the real community setting in order to get a better sense of how the social enterprise works, will be the most attractive part of this sub course.

## SUB COURSE C



## Introduction to Game Programming

This course introduces participants to the concepts, problems, and methods of computer programming, and how these applied to the creation of games. This sub course assumes no prior programming knowledge, and is designed to explore the basic principles of digital design in the form of computer code. There will be an emphasis on programming fundamentals and participants will be motivated through the lens of designing and producing video games. In this sub course, participants will also learn about game storyboard, game design, and game behaviour.



# CommTECH Camp Insight 2017

23 Jan - 1 Feb 2017

CommTECH Camp Insight 2017 provides 3 sub courses for the participants. Each participant must choose one of the following:

## SUB COURSE B

## Biomedical Engineering Innovation



This course will introduce participants about four main points, which are musculoskeletal modeling for rehabilitation purpose, wearable sensor system for human movement studies, development of braille embosser for special need school, and ultrasound system for catheterization. In the first point, participants will learn methods that used in modeling musculo-skeletal system. The model is intended to be used to study control method for movement rehabilitation using functional electrical stimulation (FES). The participants also study design and realization of portable sensor system used as a wearable sensor for measuring gait data. In this sub course, the participants will also get more information about design and realization of braille embosser for blind people and how to develop the tracking system for shen catheter using ultrasound.



For syllabus, schedule, and details, please visit  
[www.international.its.ac.id/commtech-insight-2017/](http://www.international.its.ac.id/commtech-insight-2017/)