

# TOHOKU UNIVERSITY

## ENGINEERING

### SUMMER

## PROGRAM 2019

# Electrical & Electronic Engineering

July 29<sup>th</sup> – August 9<sup>th</sup>



## About TOHOKU UNIVERSITY

Since its founding in 1907, Tohoku University has engaged in world's top class education and research activities. Sendai city, where Tohoku University is located, has many cultural sites where you have the chance to extensively experience Japanese culture.



Sendai Tanabata Festival: August 6<sup>th</sup> – 8<sup>th</sup>

## TESP-EEE

TESP-EEE is a two-week summer program for both graduate students and undergraduate students providing a series of graduate level lectures and hands-on activities in laboratory. All will be taught in English by experienced professors of the Graduate School of Engineering, Graduate School of Information Sciences, and Graduate School of Biomedical Engineering, and Research Institute of Electrical Communication (RIEC).

In addition, the program provides cultural activities and a field trip that expose participants to Japanese culture and beautiful historical sites in northeastern area of Japan. Engineering students of Tohoku University will support the program with these activities. We welcome young professionals from our partner universities around the world to take this opportunity to experience an inspiring and challenging summer in Sendai, Japan.

## Program Structure

The program offers two-week intensive activities that are characterized by four components: core lectures, hands-on activities in laboratory, cultural activities such as Kimono dressing, tea ceremony, Japanese lesson "Japanese Hour", and a field trip. This year, participants also have chance to enjoy a local festival of Sendai city "Tanabata".

The academic part of Electrical & Electronic Engineering Course is as follows:



### ➤ *Laboratory Visit and Experience*

- *Laboratory of Microphotonics*
- *Laboratory of Wireless Information Technology*
- *Laboratory of Electromagnetic Engineering*

### ➤ *Hands-on Activities*

*Design and make a prototype of a smart wireless power transfer system which can generate the solar electric power and transfer the power wirelessly to the electric devices.*





## ELIGIBILITY & SEATS

- Undergrads (junior, senior) and graduate level students of TESP-EEE partner institutions
- Fluent in English
- Background knowledge
- 10 seats

### Online Application DEADLINE

**APRIL 26th, 2019**

**15:00 (JST)**

Application received after the deadline  
will not be considered

## APPLICATION PROCEDURES

### ➤ Students

#### Internal Screening

Contact your international office or coordinating professor



#### Online Application

Get the online application link from your home institution and upload the required documents

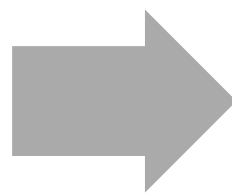


**Get Confirmation Email**

### ➤ International Office/Coordinating Professors

#### Nomination

Email TESP organizer the candidate list



#### Provide Online Application Link

Provide the link to only those nominated

## REGISTRATION FEE: 15, 000 JPY

The fee covers cultural activities, field trip and welcome & farewell party. Participants are responsible for meals, local transportation between hotel and campus and airfare.

- Tuition, experimental materials and accommodation are supported by Tohoku University (JASSO recipients should bear half of the accommodation fee).
- Registration fee should be paid online, and the detailed guidance will be sent to the successful applicants.
- Registration fee is nonrefundable.

## INSURANCE

All program participants are required to buy travel insurance in their own country BEFORE coming to Japan. Students will be solely responsible for any accidents that occur while staying in Japan. The insurance must cover accident and medical care expenses.

## ACCOMMODATION

Hotel accommodation in downtown will be arranged. Participants will commute to the campus by subway at their own expense.

## SCHOLARSHIP OPPORTUNITY

JASSO (Japan Student Services Organization) Scholarship may be awarded to those who meet the requirements and successfully complete the program. Please check the guideline at the TESP website.

Scholarship amount: 80,000 JPY

**Note: JASSO recipients should bear half of the accommodation fee (approx. 35,000JPY for 13nights, as of 2018).**



## Contact Us

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### Website:

<https://www.ied.eng.tohoku.ac.jp/summer-program>

### Article 2018:

[https://www.tohoku.ac.jp/en/news/university\\_news/TESP\\_2018.html](https://www.tohoku.ac.jp/en/news/university_news/TESP_2018.html)