



# 2017 Asia-Pacific-Euro Summer School on Smart Structures Technology (APESS)



**Date : 15<sup>th</sup> July – 4<sup>th</sup> August, 2017  
at Yokohama National University**

Join an intensive three-week program of coursework, lectures, laboratory exercises, and exciting non-academic activities in the vibrant city of Yokohama.

In this summer school, students will attend the lectures given by world experts in Civil Engineering, Structural Dynamics and Control, and Smart Structures Technology, and will participate in exciting laboratory projects where they will learn about fundamental and practical use of sensing principles and technologies for monitoring infrastructure.

The program is open to students currently enrolled in a civil engineering or related graduate programs and post-doctoral researchers.

The registration fee will be 50,000 yen (approximately 500 USD) and includes attendance to the 13<sup>th</sup> International Workshop on Advanced Smart Materials and Smart Structures Technology (ANCRiSST2017), which will take place at the University of Tokyo on 22 - 23 July 2017.

For further information, please contact : [apess2017-ias@ynu.ac.jp](mailto:apess2017-ias@ynu.ac.jp)  
Website : (under preparation)



## The Programme:

Summer school program consists of lectures given by world experts in the following subjects :

- Structural Dynamics and Control
- Smart Structures Technology and Materials
- Wind Engineering and Earthquake Engineering
- Sensing Technologies and Application
- Structural Health Monitoring

The students will participate in exciting laboratory projects, where they will learn about fundamental and practical use of sensing principles and technologies for monitoring infrastructure.

## The Host: Yokohama National University (YNU)

- Founded in 1949, one of public universities in Japan
- Five graduate schools (Engineering, Environment and Information Science, Urban Innovation, Education, and International Social Science)
- Four undergraduate colleges (Engineering Science, Education and Human Science, Economics, and Business Administration)
- Over 600 faculty members, 7,400 undergraduate students, 2,400 graduate (460 of them are international students).

For further information, please visit website (<http://www.ynu.ac.jp/english/index.html>)



## Accommodation:

Accommodation during three-weeks stay at Yokohama is prepared for all participants. Three residences with easy access to campus, as well as the Yokohama city center, are provided to ensure a convenient stay. The cost will be 4,500-5,500 yen per night, depending on the type of rooms. The cost of accommodation is not included in the registration fee.



## The city:

Yokohama is a vibrant port city located 30 minutes by train to the south of Tokyo. It is the capital of Kanagawa Prefecture and Japan's second largest city, with a population of over three million. Towards the end of the Edo Period (1603-1867), during which Japan maintained a policy of self-isolation, Yokohama's port was one of the first to be opened to foreign trade in 1859. Consequently, Yokohama quickly grew from a small fishing village into one of Japan's major cities. Until today, Yokohama remains popular among expats, has one of the world's largest Chinatown in Japan, and preserves some former Western residences in the Yamate district.

