In 2017, Chulalongkorn University and Nagoya University celebrate their 25th anniversary of academic exchange agreements. Moreover, the year 2017 marks the 100th anniversary of the foundation of Chulalongkorn University and the 130th anniversary of diplomatic relations between Thailand and Japan. On this special occasion, Chulalongkorn University and Nagoya University will co-host a joint symposium on August 3rd, 2017, at Chulalongkorn University with the key phrase “Fostering the next generation for Asia’s Future”.

This joint symposium will be open for all universities, government organizations, industries, and others from Thailand, Japan, and other Asian countries. It will provide a unique platform for exchanging ideas about the role of universities and industries in fostering skilled human resources, and how to collaborate to develop technologies for future growth.

### Organizers

**Chulalongkorn University**

Chulalongkorn University is the oldest university in Thailand established by King Vajiravudh (Rama VII) and named after his father, King Chulalongkorn (Rama V), who had laid the foundations for modern education in Thailand. The university is Thailand’s source of knowledge and reference, a guiding university for modern education in Thailand. The university has maintained a tradition of many leaders in various areas of society then it has maintained a tradition of having a free and vibrant academic culture. The university has produced many leaders in various areas of society and contributed to the development and growth of not only Japan but also the world.

**Nagoya University**

Nagoya University roots in a temporary medical school/hospital. It became a Japanese Imperial University and since then it has maintained a tradition of having a free and vibrant academic culture. The university has produced many leaders in various areas of society and contributed to the development and growth of not only Japan but also the world.

### Facts & Figures

**Chulalongkorn University**

- Established: 1917
- 100th Anniversary
- Faculties: 19
- Colleges, Schools, and Institutes: 25
- Academic Staff: 4,275
- Faculty Members: 2,866
- Employees: 867
- Undergraduates: 24,951
- Postgraduates: 13,391
- University Ranking: 1st in Thailand (QS World University Rankings 2013/16)

**Nagoya University**

- Established: 1871 (as Medical School and Public Hospital)
- 130th Anniversary
- Undergraduate schools: 9
- Graduate Schools: 13
- Research institutes: 22
- Members of the Board of Trustees: 10
- Staff Members: 3,857
- Undergraduate students: 9,844
- Graduates students: 6,008
- Nobel Laureates: 6 since 2000
  (4 in Physics, 2 in Chemistry)

### Program

- **09:00 - 09:30**: Opening
- **09:30 - 09:45**: Welcome Remarks
- **09:30 - 09:45**: Opening Remarks
- **09:45 - 10:15**: Keynote Speech 1
- **10:15 - 10:30**: Coffee Break
- **10:30 - 11:00**: Keynote Speech 2
- **11:00 - 12:00**: Plenary Presentation 1
- **12:00 - 12:30**: Lunch Break
- **12:30 - 14:00**: Plenary Presentation 2
- **14:00 - 14:30**: Plenary Presentation 3
- **14:30 - 15:00**: Poster Presentation & Exhibition
- **15:00 - 15:30**: Plenary Presentation 4

**Venue Guide**

**Venue**: KASEM SUWANAGUL HALL

13th Floor, Kasem Uthayan Building, Faculty of Political Science, Chulalongkorn University, Bangkok, Thailand

**Location**

Faculty of Political Science, Chulalongkorn University

Henri Dunant Road, Pathumwan, Bangkok 10330 Thailand

**Access**

- **By Train**: 5 min walk from MRT Samyan Station
- **By Car**: Parking space available next to the venue (parking fee 15 Bahts per hour)

**Organized by**: Chulalongkorn University and Nagoya University

Supported by:
- Embassy of Japan in Thailand • JETRO Bangkok • Aichi Prefectural Government
- Greater Nagoya Initiative Center (GNIC)
- The Overseas Human Resources and Industry Development Association (HIDA), Bangkok
- Japanese Chamber of Commerce, Bangkok
- Chulalongkorn University Alumni Association Thailand Branch • JICA Project for AUN/SEED-Net
- Japan Society for the Promotion of Science (JSPS) Bangkok Office
- Japan Student Services Organization (JASSO)

**Contact Us**

Nagoya University

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Nagul.C@chula.ac.th +66-(0)2-218-5156

**Venue Map**

The program is subject to change without notice.
The Study of Mobile Learning Readiness in Rural Area: Case of North-Eastern of Thailand

A Study of The Feasibility of A Mobile Application to Find A Parking in Both Short and Long Term in Bangkok

A Study of Users’ Requirements for Car Care Application

Sustainable Mobility Project: Sathorn Model

Current Status and Prospects of CFRP Applications to Aircraft and Automobiles

United States National Science Foundation

Fostering the Next Generation for Asia’s Future

Recognizing and Building Circulation

Student Startups

Map IV, Inc.

Sense IV, Inc.

Optimdl LLC

Tytinking Inc.

Automotive Engineering

Sensing & Control

Analysis & Simulations

Medicine & Ergonomics

Innovative Technology for Innovative Society

Technopreneurship and Innovation Management Program

Graduate School Chulalongkorn University

Nobuhiho Koga

General Manager, Frontier Planning Department, Toyota Motor Corporation

Thaneerart TERMIRISANA

A Study of Users’ Requirements for Car Care Application

A Study of The Feasibility of A Mobile Application to Find A Parking in Both Short and Long Term in Bangkok

The Study of Mobile Learning Readiness in Rural Area: Case of North-Eastern of Thailand

Open Government Data Assessment Model: An indicator development in Thailand

Bio-efficacy enhancement process™

Professor, National Composite Center, Nagoya University

Takashi Ishikawa

Professor, National Composite Center, Nagoya University

Takashi Ishikawa

Associate Professor, Department of Civil Engineering, Faculty of Engineering, Chulalongkorn University

Song H. Park

A study of the feasibility of a mobile application to find a parking in both short and long term in Bangkok

A study of users’ requirements for car care application

Sustainable Mobility Project: Sathorn Model

Current status and prospects of CFRP applications to aircraft and automobiles

Innovative Technology for Innovative Society

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Bio-efficacy enhancement process™

Poster Presentation from CU TIP

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Open government data assessment model: An indicator development in Thailand

Bio-efficacy enhancement process™

Poster Presentation & Exhibition

USPS Core-to-Core Program

Establishment of Research Hub for Compact Mobility Model in the ASEAN Region

Coordinator: Prof. Ryochi Ichino

Director of Green Mobility Research Institute, Naga University

Application of zeolites for removal and separation processes

Takashi HAGI (NU)

Classification of lipid extracted from green microalgae Desmodesmus subspicatus by immobilised dimethyl ether

Nasuma YAMAMOTO (NU)

Development of Recycling and Environmental Technology

Ryoichi KIHNO (NU)

Effect of loads addition on methane hydrate formation for methane storage

Naoko YAMAGUCHI (NU)

Encapsulation of astaxanthin with biodegradable polymer by supercritical CO2-assisted molten salt

Kahori KAGA (NU)

Enhancement of Ag-nanopore transparent conductive electrodes by atomic layer deposition coating with ZnO

PHANGEA VEENHAVEN (NUI)

Observation of gas generation in regenerative fuel cell by low-energy X-ray

Motonobu GOTO (NU)

High thermal performance biocomposite separator membranes based on poly(lactic acid) (PLA)/polybutylene succinate (PBS) with improving electrolyte wettability and conductivity of Li-ion battery

Sakura THANGTHAM (CU)

Supercritical fluid and plasma technology

Yuki KAMIMOTO (CU)

Synthesis of DIO nanoparticles by laser ablation in liquid and its photocatalytic activity

Shota KIHAYA (CU)

Telemarketing Engineering

3D LiDAR-based real-time ground segmentation for autonomous vehicles

Patpong NARSIRI (NU)

A study on driving and cognitive abilities of elderly driver by using a driving simulator

Sakapsin CHANTRAWAT-AUTAMAN (CU)

A study on the non-linear least squares estimation of modal parameters (vibration properties) of automobile structures

Sukim PITSANUWAT (NU)

Connected car, connected people, connecting to smart city

Sanchal JAKTHEERAMGON, Theerapat VONGSUETRA (CU)

Development of an open innovation platform for smart mobility and lifestyle big data

Masayuki SHIMIZU, Hirofumi AKIO (NU)

An improvement of power-split hybrid powertrain simulation focusing on hybrid operation characteristic and fuel consumption based on real-world driving data

Sorn PITSANUWAT (NU)

Airport noise assessment in the vicinity of Wattay International Airport on 2017, Vientiane, Laos

Phonpiew DEEVEENHAVEN (NUI)

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