

2020 CAETS Annual Meeting Status Update

Engineering a better world, Smart Society

NAEK has confirmed the topics for each session of the 2020 CAETS symposium which include the following: Engineering the hyper-connected Future, Building a Smart Energy Network in Urban Environments, Tackling Climate Change Issues & Challenges in the Urban Environment, and Educating the Next Generation of Industry-Engaged Engineering Youth. Each session will focus on technical developments, which are at the core of building a smart society. Session 1 will deal with state-of-art technologies such as IoT, big data, telecommunication, and transportation. Session 2 and 3 will handle smart energy network and climate change issues for a sustainable urban future. Session 4 will consist of education for the fourth industrial innovation including cyber ethics for a smart society.

As for the technical tour, we plan to arrange visits to a semiconductor factory in Samsung Electronics site, the world's largest chip maker. The cultural visit site will be confirmed soon.

To bring more liveliness to the CAETS symposium, NAEK has decided to add a start-up pitching segment after each session. It aims to invite start-ups around the world to present their vision and technologies on the global stage where prominent engineering leaders such as academics, CEOs, CTOs are gathered. We will receive recommendations for start-ups from CAETS academies until December this year. The candidate companies are required to submit a 1-2 min demo video to NAEK for selection. NAEK will provide the selected winners with registration fees for CAETS symposium and accommodations.

** attachment : CAETS 2020 presentation file



CAETS 2020

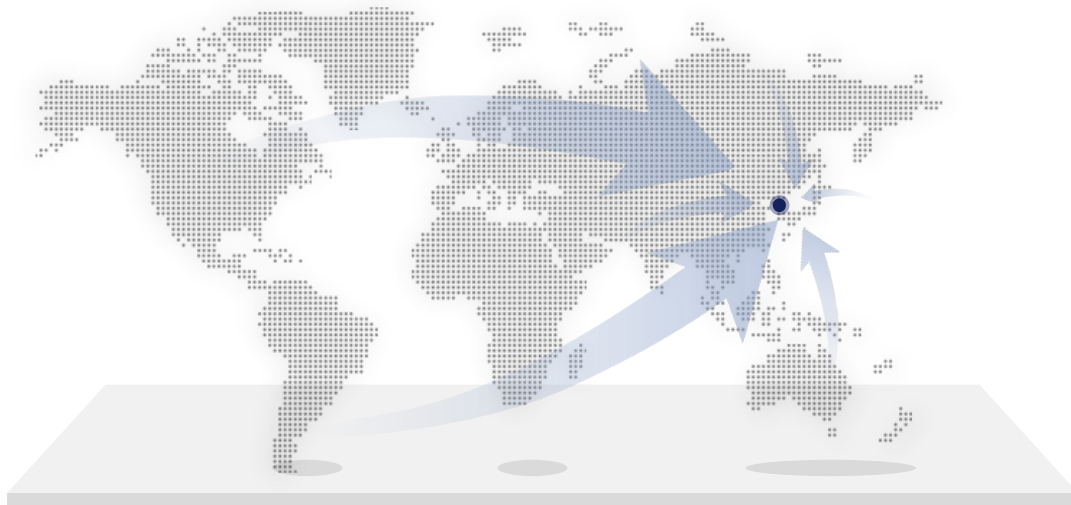
IN KOREA

NAEK 한국공학한림원

ENGINEERING A BETTER WORLD, S M A R T S O C I E T Y

JUNE 22-25, 2020
SEOUL, KOREA

MEMBERS



ARGENTINA

FRANCE

PAKISTAN

AUSTRALIA

GERMANY

SLOVENIA

BELGIUM

HUNGARY

SOUTH AFRICA

CANADA

INDIA

SPAIN

CHINA

JAPAN

SWEDEN

CROATIA

KOREA

SWITZERLAND

CZECH REPUBLIC

MEXICO

UNITED KINGDOM

DENMARK

NETHERLANDS

UNITED STATES

FINLAND

NORWAY

URUGUAY

PROGRAM OVERVIEW

JUNE 22
(MON)

- CAETS EX-COM / Board Meeting
- Working Group Discussion
- Welcome Reception

JUNE 23
(TUE)

- Plenary Session
- **Session1. Hyper-connected Life (Start-up Pitching*)**
- **Session 2. Smart Energy Network in Urban Environment (Start-up Pitching)**
- **Session 3. Climate Change Issues & Challenges in Urban Environment (Start-up Pitching)**
- Banquet

*To be discussed in detail

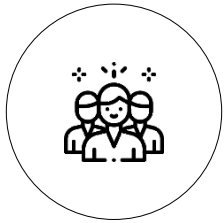
JUNE 24
(WED)

- Session 4. Industry-engaged Engineering Education (Start-up Pitching)
- CAETS Council Meeting

JUNE 25
(THU)

- Technical & Cultural Tour (Samsung Electronics, etc.)

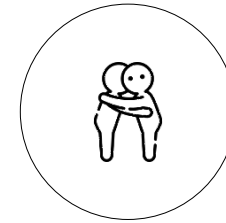
JUNE 22



CAETS Ex-Com
& Board Meeting



Working Group
Discussion



Welcome
Reception

JUNE 23-24
(SYMPOSIUM)

Theme : Engineering a better world, Smart Society

SESSION 1

Hyper-Connected Life

#IoT #Big Data #Telecommunication #Transportation

SESSION 2

Smart Energy Network in Urban Environment

#Smart Grid #Distributed Energy Resources

SESSION 3

Climate Change Issues & Challenges In Urban Environment

#Impacts of Climate Change on Urban Areas
#Sustainable Urban Futures

SESSION 4

Industry-engaged Engineering Education

#Education for the 4th industrial innovation
#Industry-engaged learning #Cyber ethics for smart society
#Education transformation in the age of AI

JUNE 25

TECHNICAL & CULTURAL VISIT

TECHNICAL VISIT

SAMSUNG
ELECTRONICS
WORLD'S LARGEST
SEMICONDUCTOR CHIP MAKER



CULTURAL VISIT

TBD





START-UP PITCHING

How many start-ups?

2 Start-ups per session

Who can participate?

**Start-ups related to each theme of the session,
with global competence**

How long is the pitching time?

3 min pitching per each start-up

What is the Selection Process?

- **July-Dec, 2019 : Recommendation from academies
Submit 1~2min demo video to NAEK**
- **Jan-Mar, 2020 : Start-ups Selection**

What are the benefits for start-ups?

- **Registration fee & accommodation**
- **Opportunity to network with academicians,
future partner companies around the world**

VENUE

FOUR SEASONS HOTEL SEOUL



TENTATIVE SCHEDULE

CAETS
2019

● SHARE TENTATIVE PROGRAM

JULY – DEC
2019

● INVITE SPEAKERS, PANELISTS,
AND START-UPS

JAN-MAR
2020

● CALL FOR PAPERS

MAR
2020

● REGISTRATION OPEN

JUNE
2020

● CAETS 2020



SEE YOU NEXT YEAR!