

PROGRAM

Wednesday 29 MAY

Venue: Have A Nice Day (No. 30, Alley 14, Lane 283, Section 3, Roosevelt Road, Taipei City)

Venue: 14F, VIP Room, HOWARD CIVIL SERVICE INTERNATIONAL HOUSE

16:15 – 18:15
***Invitation only**

2019 GASE Formosa+ Youth Networking
MOST GASE × AEDS Event: Table Talk with Deans

17:00-18:00 Reception Check-In

18:20 – 20:00 Welcome Reception

Thursday 30 MAY

Venue: 1F, International Conference Hall, Institute of Applied Mechanics, National Taiwan University

8:30 – 9:00 Registration

9:00 – 9:30 Opening Ceremony

Moderator: Chiapei Chou, Executive Vice President, National Taiwan University, Taiwan

< Welcome Address >

- **Chung-Ming Kuan**, President, National Taiwan University, Taiwan
- **Cheng-Chih Wu**, President, National Taiwan Normal University, Taiwan
- **Ching-Jong Liao**, President, National Taiwan University of Science and Technology, Taiwan

9:30 – 10:00 Group Photo and Coffee Break

10:00 – 12:00 Keynote Speeches

Moderators:

- **Chiapei Chou**, Executive Vice President, National Taiwan University, Taiwan
- **Yao-Wen Chang**, Dean, College of Electrical Engineering and Computer Science, National Taiwan University, Taiwan

Speakers:

- **Norman C. Tien**, Chair Professor, Department of Electrical and Electronic Engineering, The University of Hong Kong, P. R. China
“Challenges and Opportunities for Global Engineering Education”
- **Chih-Kung Lee**, Chairman, Industrial Technology Research Institute, Taiwan
“Digital Economy: Exploring AI, IOT, Blockchain Technology in Various Engineering Applications”

12:00 – 12:30 Lunch (Lunch Box)

12:30 – 13:30 Campus Tour

13:50 – 15:10

Session 1 - Global Education Program and Student Mobility

Session Co-chairs:

- **Tatsuya Okubo**, Dean, Graduate School of Engineering, The University of Tokyo, Japan
- **Nick Birbilis**, Deputy Dean, College of Engineering and Computer Science, The Australian National University, Australia

Speakers: (15mins/ per person)

- **Tim K.-T. Cheng**, Dean, School of Engineering, Hong Kong University of Science and Technology, P. R. China
“Cultivating Next-Generation Engineers with Global Vision – HKUST’s Strategy, Plan, and Execution”
- **Mark Hoffman**, Dean, Faculty of Engineering, The University of New South Wales, Australia
“University Education in the Context of Globalisation”
- **Komsan Maleeseen**, Dean, Faculty of Engineering, King Mongkut’s Institute of Technology Ladkrabang, Thailand
“Internationalization for Academic Units for Globalized Education”
- **Seiji Kajihara**, Dean, School of Computer Science and Systems Engineering, Kyushu Institute of Technology, Japan
“An Education Program to Train Global Competency for Engineer in Kyutech”
- **Yoshio Hisaeda**, Dean, School of Engineering, Kyushu University, Japan
“International Education and Student Mobility Initiatives in Engineering at Kyushu University”

15:10 – 15:40

Coffee Break

15:40 – 16:30

Session 2 - AI Based Educational Technology

Session Co-chairs:

- **Kaliappan Manivannan**, Dean-Academics of Mohamed Sathak A. J. College of Engineering and Vice-President of IFEEES & ISTE, India
- **Rajnish Sharma**, Dean, College of Engineering, Chitkara University, India

Speakers: (15mins/ per person)

- **Li-Chen Fu**, Distinguished Professor, College of EECS, NTU, Taiwan
“How AI Impacts Solution Developments for Smart Healthcare”
- **Tzi-Cker Chiueh**, Vice President & General Director, Information and Communications Research Laboratories, ITRI, Taiwan
“Machine Learning for Human Learning”
- **Indumathi T.S.**, Professor, Dept. of Digital Electronics and Communication Engineering, Visvesvarayah Technological University, India
“Artificial Intelligence in Providing Quality Education - Indian Perspective”

16:30 – 17:30

AEDS Steering Committee Meeting

17:00 – 17:30

Move to Banquet Venue by Shuttle Bus

Venue: 2F, Room 243, College of Engineering,
National Taiwan University

Friday 31 MAY

Venue: 1F, International Conference Hall,
Institute of Applied Mechanics, National Taiwan
University

8:40 – 9:00 Morning Coffee

9:00 – 10:20 **Session 3 - Green Technology and Sustainable Environment**

Session Co-chairs:

- **Christopher Chao**, Dean, Faculty of Engineering, The University of Hong Kong, P. R. China
- **Tetsuya Nagasaka**, Dean, School of Engineering, Tohoku University, Japan

Speakers: (15mins/ per person)

- **Yuji Wada**, Dean, School of Materials and Chemical Technology, Tokyo Institute of Technology, Japan
“**Interdisciplinary Course of Energy Started for Graduates in Tokyo Tech**”
- **Ryuji Matsushashi**, Professor, Graduate School of Engineering, The University of Tokyo, Japan
“**Critical Issues on Energy Systems and Response Strategies**”
- **Norihiro Nakai**, Dean, School of Environment and Society, Tokyo Institute of Technology, Japan
“**Adapting Green Technology for Sustainable City: the Japanese Experience**”
- **Irsan Soemantri Brodjonegoro**, Vice Dean, Faculty of Civil and Environmental Engineering, Institut Teknologi Bandung, Indonesia
“**Integrating Green Technology, Sustainable Environment, and Disaster Mitigation into Civil, Environmental, and Ocean Engineering Curriculum : ISSUES AND CHALLENGES**”
- **Warmadewanthi**, Dean, Faculty of Civil, Environmental and Geo-Engineering, Institut Teknologi Sepuluh Nopember, Indonesia
“**Green Infrastructure Development in Indonesia**”

10:20 – 10:50 Coffee Break

10:50 – 11:40 **Session 4 - Innovative Technology and Entrepreneurship**

Session Co-chairs:

- **Kikuo Kishimoto**, Professor Emeritus, School of Engineering, Tokyo Institute of Technology, Japan
- **Choongsik Bae**, Dean, College of Engineering, KAIST, Korea

Speakers: (15mins/ per person)

- **Sun-Yuan Hsieh**, Vice President for Research and Development, National Cheng Kung University, Taiwan
“**Challenges in University-Industry Linkages for Taiwan Higher Education Institutions**”
- **Tony Quek**, Acting Head, Information Systems Technology and Design Pillar, Singapore University of Technology and Design, Singapore
“**Marriage of Research and Education – SUTD AI Program**”
- **Bhabaranjan Sarmah**, Vice-President, ISTE and Professor, KKH State Open University, India
“**Building Engineers for 2025: Smart India Hackathon**”

Venue: LivingOne Restaurant, 1F, Ming Da Hall,
National Taiwan University

11:40 – 12:30	Session 5 - International Research Center with Industrial Collaboration Session Co-chairs: <ul style="list-style-type: none">• Norihiro Nakai, Dean, School of Environment and Society, Tokyo Institute of Technology, Japan• Yukihiro Shimogaki, Professor, Graduate School of Engineering, The University of Tokyo, Japan Speakers: (15mins/ per person) <ul style="list-style-type: none">• David Shallcross, Associate Dean, School of Engineering, University of Melbourne, Australia “What Do Engineers Real Do? - A Proposal for an International Study”• Huanting Wang, Associate Dean, Faculty of Engineering, Monash University, Australia “International Research and Industry Collaborations at Monash Engineering”• David Peng, Executive Manager, Industry Liaison Office, National Taiwan University, Taiwan “How NTU Runs Global Industrial Collaboration under MOST’s Innovative?”
12:30 – 14:20	Lunch (Buffet)
14:20 – 15:40	Session 6 - Recruitment of International Students and/or Female Students Session Co-chairs: <ul style="list-style-type: none">• Simeon Simoff, Dean, School of Computing, Engineering and Mathematics, Western Sydney University, Australia• Gihan Dias, Director, International Relations, University of Moratuwa, Sri Lanka Speakers: (15mins/ per person) <ul style="list-style-type: none">• Dileeka Dias, Dean, Faculty of Graduate Studies, University of Moratuwa, Sri Lanka “Postgraduate Education of Women in Engineering: Facts and Perceptions”• Masahiro Ohshima, Dean, Faculty of Engineering and Graduate School of Engineering, Kyoto University, Japan “Kyoto University International Undergraduate Program (Kyoto-iUP) -Expectation & Difficulty-”• Pavel Ripka, Dean, Faculty of Electrical Engineering, Czech Technical University, Prague “Recruitment of International Students from Post-Soviet countries”• Poki Chen, Dean, College of Applied Sciences, NTUST, Taiwan “Challenges and Strategies for International Student Recruitment in Taiwan”• Archana Mantri, Pro Vice Chancellor, Chitkara University, India “Impact of Establishing A Research Culture on Enrollment of Non-Asian Students in Asian Universities”
15:40 – 16:00	“GEDC: Review and Future” Hans Jürgen Hoyer , Secretary General of IFEEES and Executive Secretary of the GEDC, USA
16:00 – 16:20	Closing Remarks <ul style="list-style-type: none">• Wen-Chang Chen, Dean, College of Engineering, National Taiwan University, Lead Convenor AEDS 2019, Taiwan• Speech of Acceptance, Host University of AEDS 2020