

**ISATE 2022**

20 - 23 SEP 2022

Virtual Event, Singapore

Temasek Polytechnic

# **ISATE 2022**

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*Closing Update*

*12 Jan 2023*

*ISATE 2022 Organising  
Committee*

## ISATE 2022

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**307** Participants

**116** Technical Papers

**17** Workshops

**8** Institutional Presentations

**6** Learning Journeys

**3** Keynote & Invited Presentations

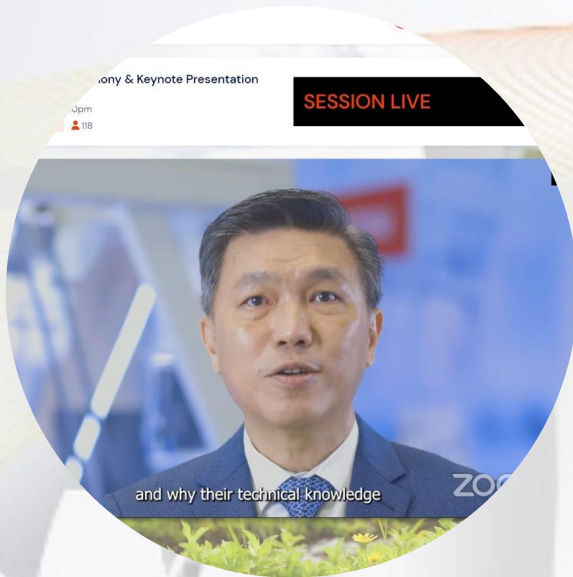
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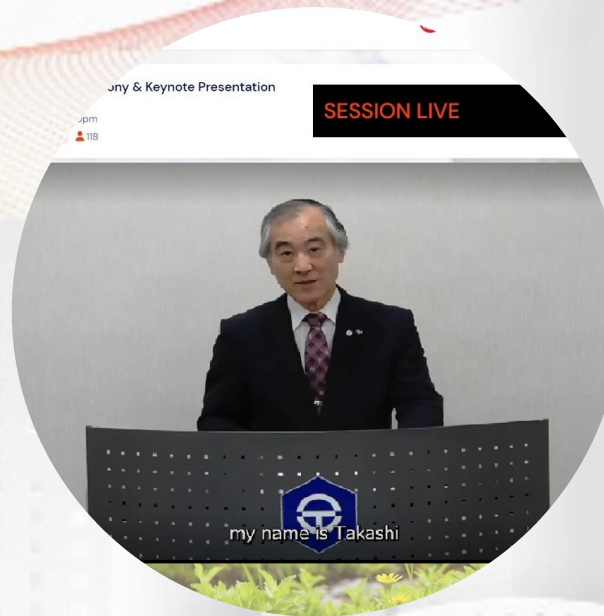
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# Keynote & Invited Presentations



**Mr Tan Kai Hoe**



**Mr Takashi Sakamoto**



**Dr Roxanne Moore**



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# Institutional Presentations

## A Holistic Learning Journey

• A three year of multi-disciplinary experiential learning journey in a 'LIVE' AM Factory

**Aims of 'LIVE' AM Factory**

- Set up for HMLV production
- Operate with students' contributions
- Impactful POC projects
- Physical and virtual training assets



**Level 1 (I4.0 Awareness)**

- I4.0 Awareness AMC Visit

**Level 2 (Exposure to AMC Operation)**

- Take up AM Job roles
- Work in cross-school multi-disciplinary teams
- Make contribution to factory's operation

**Level 3 (Deepen Specialization in AM)**

- Deepen specialization (Cross school electives)
- Mentoring year 2 students
- Make contribution to POC Projects


Developing a Future-Ready Workforce with an End-to-End Smart Factory on Campus | 20 Sep 2022 | TEMASEK POLYTECHNIC

Choo Yen Foo

**Mr Foo Choo Yen, Dr Nalaka Edirisinghe,  
Mr Ng Kee Wee, Temasek Polytechnic**

## Role of HealthTech Centre for Healthcare Training

**Dr Florence MOK**  
Acting Academic Director  
Health and Life Sciences Discipline  
Vocational Training Council  
Hong Kong



Audio Setting

**Dr Florence Mok  
Vocational Training Council**

## Vocational Training Council (VTC)



7 Academic Disciplines

- Health and Life Sciences
- Business
- Childcare, Elderly and Community Services
- Design
- Engineering
- Hospitality
- Information Technology
- Languages

Mr Jonathan Lee Kam Fat, Vocational Training Council

**Mr Jonathan Lee Kam Fat,  
Vocational Training Council**

## Higher education – three administrators

<b>The Ministry of Education and Culture</b>	<ul style="list-style-type: none"><li>• 14 Universities – Foundations and corporations</li><li>• 23 Universities of Applied Sciences – all public limited companies</li></ul>
<b>The Ministry of the Interior</b>	<ul style="list-style-type: none"><li>• Åland University of Applied Sciences</li><li>• Police University College</li></ul>
<b>Defence administration</b>	<ul style="list-style-type: none"><li>• Finnish National Defence University</li></ul>

Dr Juha Kontio, Turku University of Applied Sciences

**Dr Juha Kontio  
Turku University of Applied Sciences**

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### Outline

- Characteristics of KOSEN
- Environment surrounding KOSEN
- The strategy and method to promote rural industry
- Experience of Maizuru College
- Activities for the future

2

**Dr Yasuo Utsumi**  
National Institute of Technology Maizuru College

**sandbox**  
CREATING TOMORROW

Nurturing Entrepreneurs of Tomorrow

NGEE ANN POLYTECHNIC

**sandbox**  
CREATING TOMORROW

**Ms Tan Ching Ching**  
Ngee Ann Polytechnic

### SDL Development Through Spiral Curriculum

**SP Singapore Polytechnic**

Schedule:

- Dr Desmond Ng
- Transfer of Learning
- SDL development in real-work environment

**Year 1:**

- Inculcating Growth Mindset
- Stimulate Intrinsic Motivation
- Reinforce Growth Mindset & Intrinsic Motivation
- **Explicit teaching of SDL & Thinking**

**Year 2:**

- Development of C-D-I-O Skills
- Transfer of Learning
- **SDL development in projects**

17

**Mr Desmond Ng, Mr Mark Nivan Singh**  
Singapore Polytechnic

### Professional Competency Model

*Transforming T&L Practices*

Chan Yew Meng  
Master Specialist (T&L)  
Centre for Teaching & Learning Development  
Nanyang Polytechnic

ISATE 2022  
23 Sep 2022

**Mr Chan Yew Meng**  
Nanyang Polytechnic

# Institutional Presentations

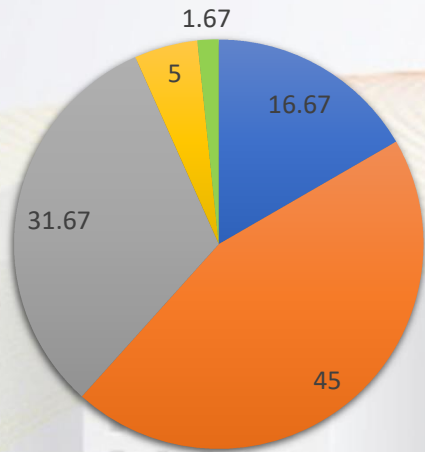


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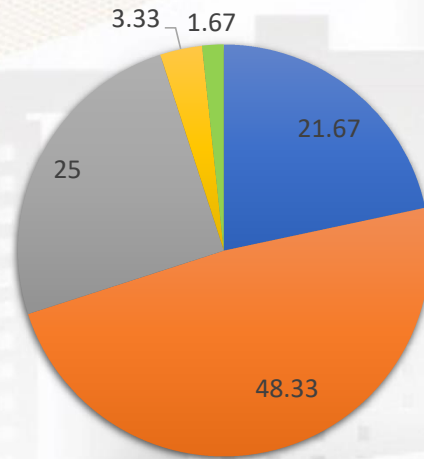
# ISATE 2022 Post-Event Survey

### Technical Papers



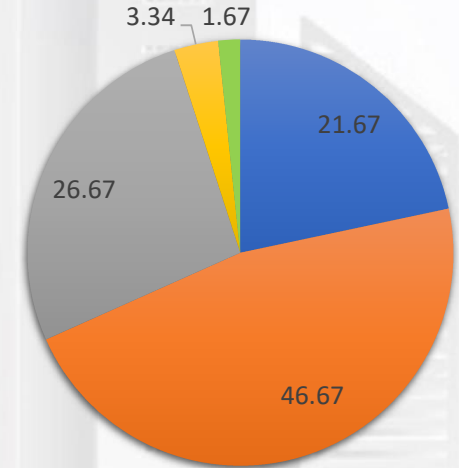
■ Excellent ■ Very Good ■ Good ■ Average ■ Poor

### Keynote Presentations



■ Excellent ■ Very Good ■ Good ■ Average ■ Poor

### Institutional Presentations



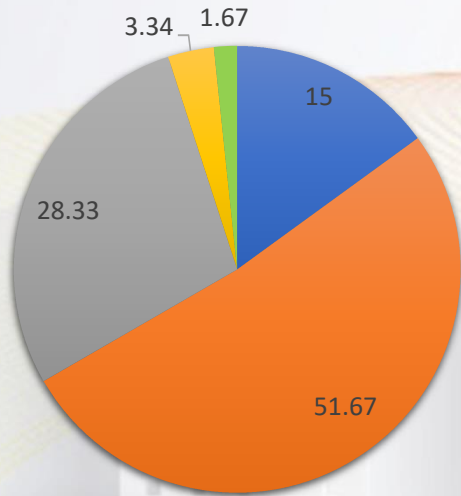
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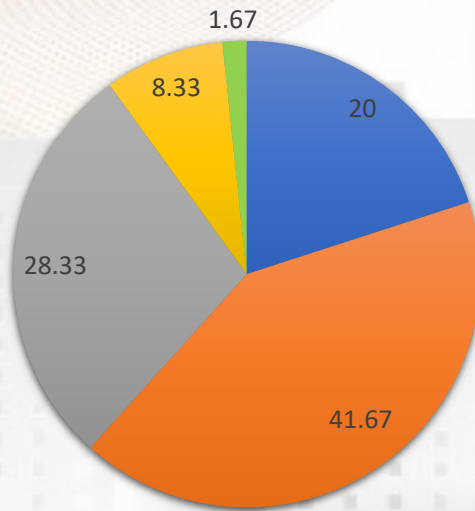
# ISATE 2022 Post-Event Survey

### Interactive Workshops



■ Excellent ■ Very Good ■ Good ■ Average ■ Poor

### Learning Journeys



■ Excellent ■ Very Good ■ Good ■ Average ■ Poor

## Qualitative Feedback

- ✓ Content delivery: Good for my learning.
- ✓ Diversity of topics covered.
- ✓ My first time participating in ISATE. Thank you for this great opportunity and I will definitely participate again next year.
- ✓ Appreciate organizing committee promptness in addressing enquiries/last minute requests.
- ✓ I would like to participate in person but happy to see hybrid continue in future so its easier to participate
- ✓ Could papers and presentations be made public to reach a wider audience?

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## ACKNOWLEDGEMENT ISATE 2022 Session Chair

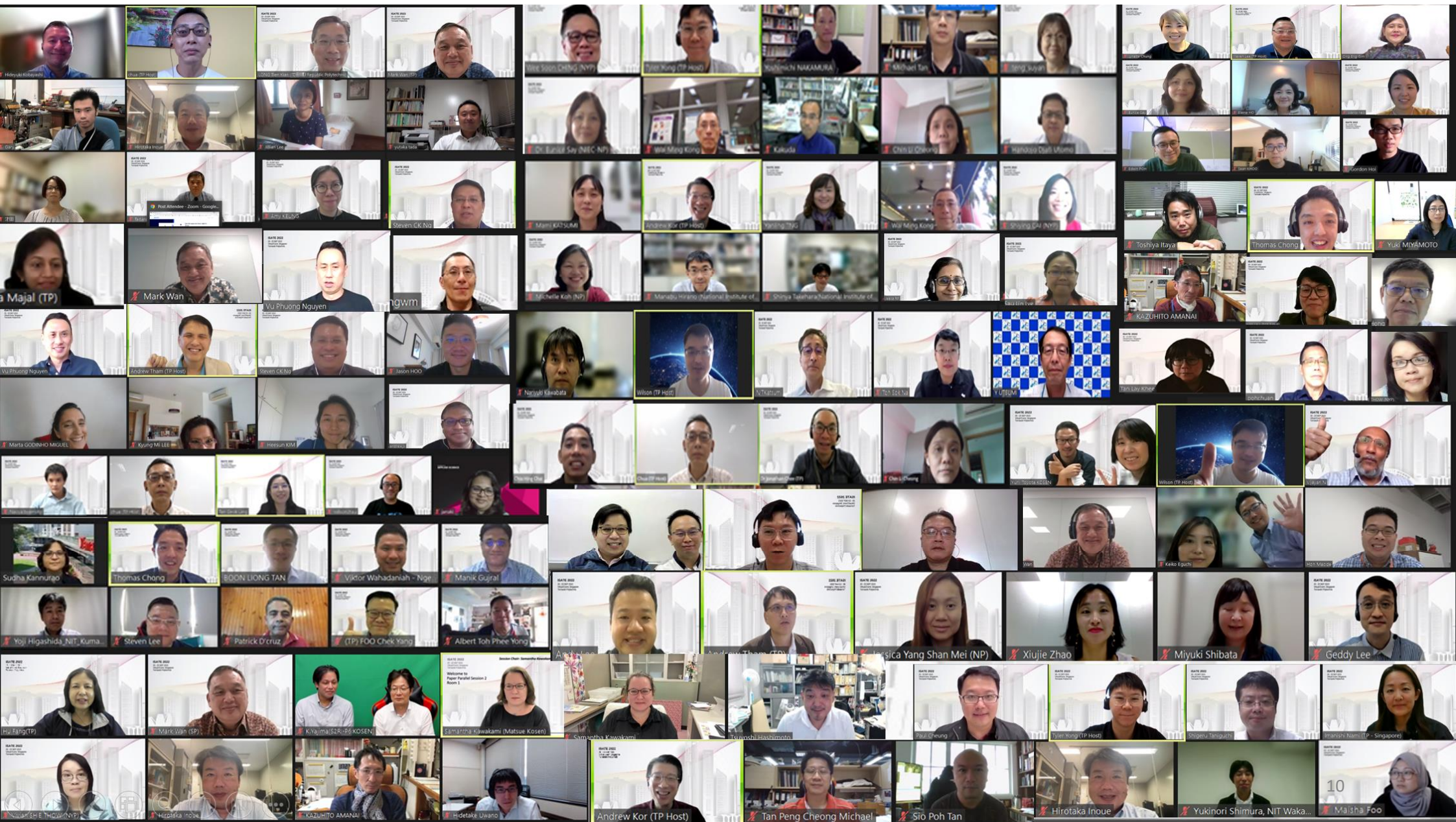
Session Chair	Institution
Dr. MAK Wai Kei	Hong Kong Institute of Vocational Education
Dr. Naho TAKEDA	National Institute of Technology, Akashi College
Dr. Yasuyuki SHIMADA	National Institute of Technology, Kumamoto College
Dr. Kenichi KATO	National Institute of Technology, Matsue College
Dr. Tsuyoshi HASHIMOTO	National Institute of Technology, Matsue College
Ms Samantha KAWAKAMI	National Institute of Technology, Matsue College
Dr. Naritoshi AOYAGI	National Institute of Technology, Nagaoka College
Dr. Katsumi KATAKURA	National Institute of Technology, Nara College
Dr. Keishi OKAMOTO	National Institute of Technology, Sendai College
Dr. Wai Ming KONG	Nanyang Polytechnic
Dr. Wee Soon CHING	Nanyang Polytechnic
Mr TAN Boon Liong	Ngee Ann Polytechnic
Mr. Andy LEE	Ngee Ann Polytechnic
Dr. YEONG Poh Kiaw	Republic Polytechnic
Mr LI Yan	Republic Polytechnic
Mr. LONG Tien Kian	Republic Polytechnic
Ms TNG Yanling	Republic Polytechnic
Mr. Chung Meng LAU	Singapore Polytechnic
Ms Katerina YANG	Singapore Polytechnic
Mr Andrew THAM	Temasek Polytechnic
Ms. TAN Geok Ling	Temasek Polytechnic





Thank You to ISATE 2022  
OC and TPC members for your  
support and contributions!







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# ISATE 2022 TP Working Committee (IR, LA, IIT, ENG)

