ASCS

3rd Edition Asia Smart Campus Summit 2022

Building the next-gen campus towards a new-digital learning ecosystem post pandemic

17th & 18th May 2022
Virtual Conference
9.00 am - 5.00 pm | GMT + 8

LIVE STREAMING
Powered by: **hopin**

Institutional partner
VR/AR ASSOCIATION

Media Partners
asia RESEARCH NEWS

Day 1

Theme 1: **Smart Education**
Theme 2: **Government's Role**
Theme 3: **Smart Infrastructure**

Day 2

Theme 4: **Automating Workflow**
Theme 5: **Smart Security**
Theme 6: **Moving forward with Technologies**

30+
Inspiring Speakers

100+
Attendees

3+
Insightful Panel discussions

4+
Virtual Networking Sessions

Event Overview

Since virtual campus have become a norm today, students and employees expect universities to provide a digitally connected smart campus to create supportive and engaging experiences that joins people, devices, applications and allows universities to make insight-driven decisions to improve security and maximize resources. Moving forward, smart campuses are capable of providing efficient technology and infrastructure in providing services to support and improve the teaching process, research, student experience and overall learning experience to overcome disruptions in a post-pandemic setting globally.

This conference brings together **education industry** with **campus intelligence experts** in a virtual setting at **Hopin platform** encouraging discussions & virtual networking among professionals across Malaysia and other countries globally. Attendees will gain insights on the importance to embark into digital transformation to enhance the overall campus system today for industry sustainability in the long run.

Who Should Attend?

This summit has been specifically designed for, without limiting to: -

- Vice Chancellors
- Principals
- Deans
- Curriculum
- e-Learning & Smart Classroom
- Infrastructure
- Engineering & Technology

- Environment and Assessment
- Library Services
- Information Services Government Departments & Agencies
- Government departments & Agencies
- Ministries: (MOHE), Ministry of Education (MOE) and more...

(Divisions)
- Planning & Development, Management, Policy & Curriculum

From Facility Management Division, Head of Faculty(Divisions), Head of Departments, Dean, Finance Division, Software Developers, ICT Solutions, Smart Solutions, Head of IT, CISO, Higher education Bodies, Government, Regulatory Bodies and more.

Topics of Discussion & more...
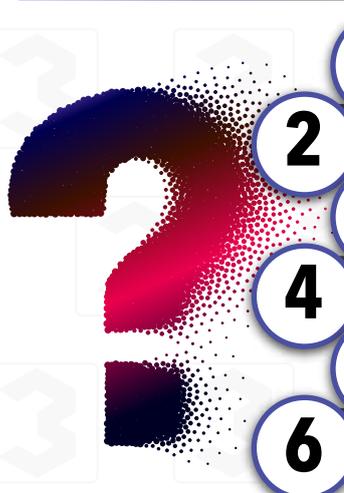
1. Why investing in a flexible campus & strategies to manage safety at campus during a pandemic ?
2. How does advanced analytics and technologies help to collect more data to improve decision-making?
3. How does automating workflow help in smart monitoring ?
4. The role of government and funding to develop smart campus?
5. Ways to develop partnership between telecommunications and education sectors in strengthening learning experience?
6. Ways to optimize data access with robust system to minimize cyber intrusion risk?

"The people who are crazy enough to think they can change the world are the ones who do"

Steve Jobs, co-Founder of Apple Inc.

"Education is the most powerful weapon which you can use to change the world "

Nelson Mandela

3novex Asia
Conference . Seminar . Training

· Provision of a digital certificate and final recording to speakers, sponsors and participants at the end of the conference

Featured Speakers

YBHG.DATIN SRI HAJAH NOR ZAMANI BINTI ABDOL HAMID
Malaysia Education Director - **General Ministry of Education (MOE),** Malaysia

ASSOCIATE PROFESSOR DR MUHAMMAD FAIZAL A.GHANI
Department of Educational Management, Administration & Policy - Faculty of Education
Universiti Malaya, Malaysia

DR AMIRRUDIN BIN KAMSIN
Department of Computer System & Technology - Faculty of Computer Science & IT
Universiti Malaya, Malaysia

NURHIZAM SAFIE BIN MOHD SATAR
PhD., P.Tech (IT)
Deputy Dean (Networking & Alumni) - Faculty of Information Science & Technology
Universiti Kebangsaan Malaysia, Malaysia

DR. LIM SOK MUI, MAY *Associate Professor*
Director - Centre for Learning Environment and Assessment Development (CoLEAD)
Singapore Institute of Technology, Singapore

CARLOS OCHOA
Chapter President Madrid & Chair Education Committee **VR/AR Association (VRARA),** Spain

EKO SAKAPURNAMA
Deputy Director for Academic and Government Partnership **University of Indonesia,** Indonesia

PROFESSOR CHRISTINA HONG
President at **Technological and Higher Education Institute (THEi),** Hong Kong

PROFESSOR DR.FAUZIAH ABDUL RAHIM
Professor from the School of Education
University Utara Malaysia, Malaysia

JEREMY KONG
Deputy Chairman for Campus Sustainability Committee **Republic Polytechnic,** Singapore

CLIFF ASHFORD
Director, Academic and Data Technologies Services
Monash University, Australia

3novex Asia
Conference . Seminar . Training

· Provision of a digital certificate and final recording to speakers, sponsors and participants at the end of the conference

Day One Outline

8:40 am — **Registration**

8:45 am — **Welcome & Introduction by 3novex Asia**

8:50 am — Opening Address by *Ministry of Education (MOE / MOHE)*

9:10 am — **VIRTUAL CAMPUS** *(Keynote Speaker)*
- Remote education and Online learning effectiveness
- Strategies to drive student performance on-off campus to ensure engagement
- ICT for distance learning & further initiatives

9:40 am — **TACKLING MANAGEMENT CONCERNS** *(DIAMOND PARTNER)*
- Effectiveness in students e-application process?
- Talent development & recruit for organization
- Other cost saving strategies

10:10 am — **TRANSFORMING THREATS INTO OPPORTUNITIES IN THE VUCA WORLD**
- Turning threats into opportunities
- Top challenges during Covid -19 : Enrollment, Absences, Lack of engagement
- Hot trends of smart campus in South East Asia

NURHIZAM SAFIE BIN MOHD SATAR PhD., P.Tech (IT)
Deputy Dean (Networking & Alumni) - Faculty of Information Science & Technology
Universiti Kebangsaan Malaysia, Malaysia

10:40 am — **AdventureLEARN : THE USE OF A GAMIFICATION PLATFORM TO DEVELOP FRESHMEN'S LEARNING TRAITS**
- Importance of supporting freshmen transition to university
- Application of gamification principles to help students engage in developing traits
- Connecting learners through team challenges

DR. LIM SOK MUI, MAY *Associate Professor*
Director - Centre for Learning Environment and Assessment Development (CoLEAD)
Singapore Institute of Technology, Singapore

11:15 am — **Coffee Break & Networking** ☕

11:30 am — **BLUEPRINT - BUILDING THE BLOCKS TOGETHER**
- Action plan by Ministry of Education
- Funding and & ways to utilize
- Strategies to help campuses embark into digital transformation in education

12:00 pm — **TELECOMMUNICATION FIRMS - HELP IN SHIFT TO ONLINE LEARNING AND TEACHING**
- How to ensure good internet connection for e-learning & teaching?
- Ways to develop partnership between telco and education sectors in strengthening learning experience?
- Further initiatives by government to provide rebate for telco service for campuses

12:30 pm — **IoT BASED SOLUTION FOR FACILITY MANAGEMENT (FM)**
- Ways to get the most out of the smart sensors and predictable algorithms
- Plans to manage Covid-19 outbreak to ensure safety in managing outdoor campus
- Get a look into predictive maintenance, cleaning & security management

1:00 pm — **Lunch Break** 🍽️

2:00 pm — **CAMPUS OF THE FUTURE WITH DIGITALIZED FACILITY MANAGEMENT** *(PLATINUM PARTNER)*
- Institution strategies to reduce cost
- Ways to improve campus experience & achieve 5-star QS rating for Online learning
- Institution willingness to invest in training to fill up skills gap for FM teams

2:30 pm — **ARCHITECTURE & GOVERNANCE OF SMART CAMPUS INITIATIVE BY MONASH UNIVERSITY, AUSTRALIA** *(Keynote Speaker)*
- Challenges with buildings built in 70s and 80s today
- Strategies to develop smart campus cost-effectively
- How to tap into existing network to get data for cost-saving smart Campus?

CLIFF ASHFORD
Director, Academic and Data Technologies Services
Monash University, Australia

3:10 pm — **Coffee Break & Networking** ☕

Day One Outline (Cont'd)

3:20 pm **TECH -TALK: SMARTER SPACE UTILIZATION** *(Panel 1)*
- Using building usage and performance data to optimize operations
- Public and Private universities to implement space utilization studies to use existing space effectively
- Monitor the amount of energy consumed across the campus effectively and in other areas

4:00 pm **DRIVING WASTE OUT OF FACILITY OPERATIONS**
- Ways to reduce energy usage and save on maintenance costs through better capital planning
- Benefits of smart building data and analytics software
- Predictive analytics to anticipate when major repairs or replacements will be needed

4:30 pm **ENTREPRENEURIAL UNIVERSITY AS A NEW PARADIGM IN POST COVID-19 ERA**
- The transformation from Humboldt University to Third Generation University paradigm -Entrepreneurial University
- Key features of Entrepreneurial University (EU)
- Case study and example of EU

EKO SAKAPURNAMA
Deputy Director for Academic and Government
Partnership **University of Indonesia,** Indonesia

5:00 pm **End of Day 1 & Networking**

Day Two Outline

8:50 am **Overview by Moderator**

9:00 am **CLOUD-BASED STUDENT MANAGEMENT SYSTEM - CASE STUDY**
- How to manage safety at campus during pandemic?
- Tracking system to detect students down with Covid-19
- Ongoing initiatives to leverage technologies as chatbots and AI for e-learning

9:30 am **BRINGING SMART MOBILITY TO APAC REGION**
- Benefits of automated vehicles in driving campus smarter
- How can smart vehicles help to add value to the environment?
- Cloud-based automated parking system

10:00 am **TECHNOLOGIES DEVELOPMENT FOR CAMPUS OPERATIONS** *(GOLD PARTNER)*
- Using autonomous technology for monitoring
- How can technologies help to improve services & decision making?
- Promoting quality in TVET using technology (Malaysia

10:30 am **Coffee Break & Networking** ☕ 🧑‍🤝‍🧑

10:45 am **GREEN CAMPUS CLUSTER - CASE STUDY**
- How to ensure sustainability through the efficient use of water, energy and resources
- Green initiatives in achieving sustainable campus status
- Creating awareness among international students for a better sustainable campus culture

JEREMY KONG
Deputy Chairman for Campus Sustainability
Committee **Republic Polytechnic,** Singapore

11:20 am **VIRTUAL GRADUATION CEREMONY WITH AUGMENTED REALITY TECHNOLOGIES**
- How campus conducting virtual graduation ceremonies by leveraging technologies amidst pandemic?
- Bring graduation right to living spaces with technology innovation
- Creating a more immersive experience for upcoming graduates and families

11:50 am **INTELLIGENT SECURITY MANAGEMENT & FRAMEWORK** *(Keynote Speaker)*
- Strategies to prevent data system from hacking by intruders or devices
- Safety tracker for students returning to campus amidst Covid-19
- AI integrated smart camera for surveillance systems

Day Two Outline (Cont'd)

12:20 pm TECH-TALK – AI FOR IMPROVING CAMPUS CYBERSECURITY *(Panel 2)*
- AI for controlling visual of the building,
- Benefits of AI & Automation to spot cyber threats and possibly malicious activities around campus vicinity
- AI-oriented security tools as an extra line of defense for vulnerabiliity management
- Challenges in the online component of blended learning

DR AMIRRUDIN BIN KAMSIN
Department of Computer System & Technology - Faculty of Computer Science & IT
Universiti Malaya, Malaysia

1:00 pm **Lunch Break** 🍽️

2:10 pm **METAVERSE FOR EDUCATION** *(SILVER PARTNER)*

2:40 pm **Coffee Break & Networking** ☕ 👥

2:50 pm **NEXT- GEN CONNECTED CAMPUS**
- Impact on students success and the future of learning
- What is the role of the institution in preparing their students for the future of work?
- Impact on cybersecurity and data security

3:30 pm **DATA-DRIVEN SMART CAMPUS FRAMEWORK**
- Benefits of AR VR for education
- Controlling temperature, humidity rates in the classes at an optimum level
- Cloud-system to store data and sensors to detect pollution

CARLOS OCHOA
Chapter President Madrid & Chair Education
Committee **VR/AR Association (VRARA),** Spain

4:00 pm **DEVELOPING A SMART CLASSROOM PROTOTYPE** *(Panel 3)*
- How to design classrooms that make better use of faculty & students time?
- Building a learning environment that anticipates and automates common classroom tasks
- Smart solution to create smart classroom
- Importance of enabling technologies for Industry 4.0 in the goal of building a s mart campus

PROFESSOR DR.FAUZIAH ABDUL RAHIM
Professor from the School of Education
University Utara Malaysia, Malaysia

5:00 pm **End of Day 2 & Networking**