

# BUILDING A CHANGE CULTURE TO DELIVER 21<sup>ST</sup> CENTURY LEARNING

## LEADERSHIP SUMMIT AGENDA



12- 13 MARCH 2019

KUALA LUMPUR, MALAYSIA

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# LEADERSHIP SUMMIT AGENDA

The Leadership summit will explore topics nominated by policy and decision makers from K-12 to HE which address key opportunities to improve education systems and further student outcomes across the region. The morning keynotes will be delivered by high-level speakers, followed by afternoon breakout streams of workshops, demonstrations, discussions and presentations.

## DAY 1

### CHAIRPERSON

**Mr Dzameer Dzulkipli**, Co-Founder & Managing Director, **Teach for Malaysia**

### BRITISH HIGH COMMISSIONER'S ADDRESS

**H.E. Vicki Treadell CMG MVO**, British High Commissioner to Malaysia, **British High Commission**, Malaysia

### MINISTERIAL KEYNOTE ADDRESS

**YB Dr. Maszlee bin Malik**, **Minister of Education Malaysia**

### KEYNOTE ADDRESS –

#### THE IMPORTANCE OF EDUCATION TO THE BILATERAL RELATIONSHIP BETWEEN AUSTRALIA AND MALAYSIA

**Mr Andrew Goledzinowski**, Australian High Commissioner to Malaysia

### CODING AS LITERACY

- Coding and computational thinking are essential for the contemporary workforce
- However, they are not the same. Coding is a skill and computational thinking is a competency
- Coding should be treated as a vocation that is taught explicitly in schools used to develop career skills
- Computational thinking should be embedded into all subjects and seen as a core competency

**Dr Matt Harris, Ed.D**, International Educational Consultant

### WORLDWIDE PARTNER: MICROSOFT

#### HE STREAM

#### FUTURE READY GRADUATES - TRANSFORMING LEARNING THROUGH AI

- Why AI is the future
- Skills & competencies needed in Industry 4.0; current partnerships between industry & academia
- Ways to unlock learning with Cloud & AI; case studies from universities leading the way
- Democratizing access to AI skills through services

**Chair: Mr Raman K.**, Country GM, **Microsoft Malaysia**

WORLDWIDE PARTNER:



### ROUNDTABLE

#### THE CHANGE IN EMBRACING THE LOCAL CULTURE IN SCHOOLS

- How to embrace the concept of diversity in education
- Building an effective organizational culture and leadership
- Outlining the school's vision is the key to unlocking changed behaviour and belief
- The importance of teamwork and building trust with staff and students to help create a culture of excellent in schools
- How to create a safe and inclusive school environment through activities taking place throughout the school

**CHAIR: Mr. John Gwyn Jones**, Managing Director, **Panyathip International School**, Laos

**Mr Suresh Dass**, COO & Principal, **St. John's International School**

**Mr Felix Eb Lee**, Chief Executive Officer, **Campus Rangers Sdn Bhd**

**Ms Karen Brinsden**, Principal, **Botany Downs Secondary College**, New Zealand

## K12 STREAM:

### TELEPRESENCE ROBOTS & VIRTUAL REALITY - GAME-CHANGING TECHNOLOGY FOR STUDENTS WHO CAN'T ATTEND SCHOOL

- How telepresence robots and virtual reality can improve quality of life for students that can't attend school due to physical or mental illness
- How the technology enables the ability to be a part of class even though the student is at home
- Practical examples of how to customize the technology, so it makes sense in an educational context, and experience how virtual reality can be a powerful tool for children with various difficulties
- This presentation will be based on a case study of a 12-year-old Danish boy who hasn't been to school for more than two years but has been beamed in on a robot everyday instead
- It's about looking beyond the wow factor and instead focusing on the possibilities of these disruptive technology

**Mr Morten Jacobson**, Robotics-craftsman & Technology Scout, **Skolen ved Nordens Plads (K12 school for children with special needs)**, Denmark

## WORLDWIDE PARTNER: MICROSOFT

### K12 STREAM

#### CLASS OF 2030 - HOW DO WE GET THERE?

- 21st Century skills and why these are increasingly important to future economic success of countries
- How most countries in the region are pivoting curriculums towards including Computer Science
- The role of AI / ML in supporting accessibility and equity of access
- Microsoft's Education Transformation Framework overview helps school leaders build a change culture

**Chair: Mr Don Carlson**, Education Lead, Microsoft Asia Pacific

Other panellists to be confirmed

WORLDWIDE PARTNER:



**Microsoft**

## HE STREAM

### THE UNIVERSITIES OF TOMORROW

- With the emergence of technologies and the impact of the new industrial revolution to Universities, talents as well as society, it's critical for Higher Education sector as we need to envision the Universities of Tomorrow. The future generations are all technology-savvy and we must ensure our courses, teaching methods and future graduates are equipped with more than an academic qualification.
- Also, by looking at the increasing number of graduates produced each year by higher institutions, the competition to secure a job becomes stiffer and people are getting worried whether: (1) Is there any job left for the younger generations?; (2) Will technology replace human intelligence?"
- With these puzzles in mind, Professor Dato' Dr Mohammad Shatar Sabran shall discuss and share his views on the future of education for the next 10 years.

**Professor Dato' Dr Mohammad Shatar Sabran**, Vice Chancellor, **Universiti Pendidikan Sultan Idris (UPSI)** Malaysia

## WORKSHOP

### ENHANCING PROFESSIONAL SUCCESS WITH LINKEDIN

Georgina O'Brien will begin this session with an insightful presentation about the 'Future of Work'.

This will be followed by roundtable discussions and perspectives from across the region on the topics below, with a summary of the main points at the end of the session.

- There is a perception gap between students believing they are ready when they leave university and employers not believing they are prepared. How do we bridge this gap? (see slide below)
- How can data / insights play a part in tomorrow's learning?
- How can corporates build a culture of learning?
- Soft skills are the most sought after skills (even before digital and AI, Big Data). How are we focusing within Universities and the workforce to create the agility for continuous learning in soft skills?

**Ms Georgina O'Brien**, Head of Asia, **LinkedIn Learning**

## K12 STREAM:

### WOMEN IN LEADERSHIP - BUILDING A CHANGE CULTURE

- What it takes to be a great leader in education and empowering others
- How can male leaders help empower the women in their organisation
- Actionable guidance and advice about career, talent and performance
- The importance of taking risks and learning from mistakes
- Establishing networks and building strong relationships
- Linked to performance, we discuss mental health and well being

**CHAIR: Ms Kirsten van Niekerk**, Deputy Head of Secondary, **Regents International School**, Pattaya

**Dr Matt Harris, Ed.D.**, International Educational Consultant

**Dr Jessica Hale**, Director of Learning and Innovation, **Oasis International School**, Kuala Lumpur, Malaysia

**Ms Pathana Panyathip**, Founder and Director, **Panyathip International School**, Laos

## HE STREAM:

### GLOBALISATION OF HIGHER EDUCATION – ITS POLICIES AND IMPLICATIONS FROM THE REFORM CASE

- The functions of a University (Research, Teaching and Collaboration with local community) has expanded as the society changes.
- What are the points that universities attract potential students and parents?
- What has global strategy brought to universities?
- What are the challenges and possibilities we face?
- How can universities initiate students to act for better global society through SDGs (ESD & Global Citizenship Education and Human rights) and how can we assess students' performances?

**Mr Daisuke Kimura**, Adjunct Lecturer, **Meiji Gakuin University (Community Development – Service Learning)**; Global Incubation x Fostering Talents, Global Education Programme Producer/Diversity Facilitator, Head of Global Competencies Research, GiFT

## ROUNDTABLE

### VIRTUAL REALITY, MIXED REALITY, AUGMENTED REALITY – FROM BASIC INFRASTRUCTURE TO CREATING AUTHENTIC GLOBAL LEARNING EXPERIENCES

- Where do institutions start? How to begin integrating VR/MR/AR into the curriculum/ teaching
- How to develop engaging content
- Budgeting for integration
- Effective training for teachers

**Chair: Professor Pradeep Khanna**, Executive Director, Asia Pacific VRARA; President, **VRARA**, Global Co-Chair education, VRARA

**Professor Cher Ping Lim**, Chair Professor of Learning Technologies and Innovation, Department of Curriculum and Instruction, Faculty of Education and Human Development, **The Education University of Hong Kong**

**Associate Professor Eric Charles Hawkinson**, Learning Futurist, **Kyoto University of Foreign Studies**

**Professor Graham Kendall**, Pro Vice Chancellor, **University of Nottingham**, Provost and CEO, University of Nottingham Malaysia Campus, Professor of Computer Science, The University of Nottingham Malaysia Campus

## HE STREAM

### LEARNING ANALYTICS AND SMART LEARNING

Today Big Data and Machine Learning are able to collect data of learners and we can use AI & Machine Learning to conduct analysis and provide better support to learners.

**Professor Dr David Asirvatham**, Executive Dean, Faculty of Build Environment, Engineering, Technology and Design, **Taylors University**, Malaysia

### STEAM: FROM PAPER AEROPLANES TO ROBOTICS, DRONES, AR AND VR – HOW CROSS-CURRICULAR WORKING AND PARTNERSHIP PROMOTES CHANGE AND EXCITES LEARNING

- The power of the collaboration with M.I.T.
- How teachers collaborate effectively
- STEAM as an agent for change
- How excitement for learning is created

**Mr Brian Cooklin**, Principal, **Nord Anglia International School**, Hong Kong

## BETT ASIA AWARDS 2019 – ANNOUNCEMENT OF WINNERS

The Bett Asia Awards celebrate and reward the creativity, innovation and leadership found throughout APAC's education sector. These awards showcase inspiration and solutions to everyday challenges, which help students to achieve educational excellence. The awards will be judged by a prestigious, independent panel of education thought leaders from across the APAC region.

## DAY 2

### HOW CAN WE CREATE JOB READY STUDENTS?

- The urgency of bringing 21st century pedagogy to life and what it really means
- How the skills are measured and their impact on the future of the Hiring Processes, HR, corporate training etc
- Entrepreneurship - a critical component to the 21st century pedagogy
- Case studies from students

**Ms. Anne Tham**, Founder and Group CEO, **ACE Ed-Venture Group**, Malaysia

**Ms. Melinda Lim**, Group Chief Academic Officer and Director, **ACE Ed-Venture Group**, Malaysia

### GREEN SCHOOL - CELEBRATING 10 YEARS OF DISRUPTING EDUCATION

- New models of education – learning outdoors – the benefits for our students
- How to embed a holistic academic approach combining 3 key frames of learning – thematic, proficiency and experiential
- How this school is creating the green leaders of tomorrow

**Mr Glenn Chickering**, Head of Faculty, **Green School**, Bali

### K12 STREAM:

#### CREATING A CULTURE OF INNOVATION

Dulwich College International (“DCI”) champions a culture of innovation by promoting, fostering and recognizing innovative approaches to learning, through the use of technology. The Pioneering Spirit Programme incorporates a grant award to fund action research projects which develop pedagogy, curriculum and/or learning environments utilizing new technologies, delivery methods, or tools that reimagine learning. This session will give you an insight into the benefits of the programme including;

- Eligibility, selection criteria, action research based application, and review process
- Case studies to demonstrate how projects have improved student success and prompted students to further develop vital digital and 21st Century skills
- “One College, Many Campuses” – Promoting ‘Collaborative Action Research Teams’ and community partnership linking schools with businesses and/or universities
- Expansion of the program to include student projects based on entrepreneurship

**Ms Staci Kalmbacher**, Group Head of Educational Technology, **Dulwich College International**

### HE STREAM:

#### THE EMPOWER PROGRAMME - BUILD A CHANGE CULTURE AND FUTURE-PROOF OUR GRADUATES

How can universities unleash students potential and prepare them to stand out and have an impact in a highly uncertain world?

This session will give a practical perspective from the results of a new innovative programme for students at Heriot-Watt University Malaysia, and look at how students are encouraged to develop 21st century skills.

- Leading Enterprises – Learning holistic and systematic thinking capabilities and contributing to job creation.
- Leading Communities – What is the impact on communities and how are students encouraged to raise awareness of global challenges
- Leading Teams – Building and managing relationships and enhancing people skills in navigating differing value perspectives.
- Leading Self – Enhancing emotional intelligence; developing positive personal qualities such as resilience, happiness, self-awareness and self-motivation

**Professor Mushtak Al-Atabi**, Provost and CEO, **Heriot-Watt University**, Malaysia



## K12 STREAM:

### BUILDING CAPACITY IN TEACHERS TO ELEVATE PERFORMANCE

An introduction and brief overview of proven, effective, evidence based practices to increase capacity at all levels.

- How leadership style, distributed leadership, school culture and administrative practices influence teachers' capacity.
- Developing an effective recruitment policy and strategies to positively influence teacher retention
- Importance of vision, goals and action planning for school improvement, including professional development to ensure implementation
- How to use a common language to identify specific elements for formal evaluation and self-assessment.
- Supplemental forms of teacher evaluation are equally important to improve teaching including: reflection, conferencing, portfolios, and professional development.
- Job embedded professional development including how to use collaborative teacher teams, mentoring, and peer coaching

**Dr Linda SD Croglia**, Educational consultant, Retired School Principal and Educational Leadership Professor, United States

**Ms Luu Thi Thuy**, Master of Education, Senior Staff, Upper Secondary Education Development Project, Ministry of Education and Training Academic Manager, **Diamond Star Kindergarten and Language Centre**

## HE STREAM:

### THE NEW PARADIGM IN EDUCATION USING THE CREATIVE AND PLAYFUL LEARNING PEDAGOGICAL MODEL THROUGH AN ESCAPE ROOM

The reputation of science being difficult and its reality of being taught in a dry manner, makes it a potent combination to discourage students away from science. What if we have a method to rekindle the love of science for students, from K12 through to HE?

- This interactive session demonstrates the use of a digital "Escape Room" for science education from a rare university-high school collaboration that had huge success. We hope to bring a small group of 'younger' students as part of the live demonstration, and another group of 'elder' students to show the collaborative nature of how we developed the Escape Room with students.
- Education leaders will see a nascent pedagogical model, namely the Creative and Playful Learning (CPL) method that feeds off the Asian phenomenon of Escape Room
- Why Escape Room's will benefit students long term, and advance teaching methods from K12 through to HE
- How to transform your classroom into an escape room – Framework to set up the infrastructure and guidance on how to collaborate with other leaders, teachers and students

**Dr Ng Jo-Han**, Assistant Professor, Director of Foundation Programme & Head of Quality Assurance

**University of Southampton** (Malaysia Campus)

**Ms Isabelle Wong**, Teacher, **SMK Dato Jaafar**, Malaysia

## ROUNDTABLE

### SPECIAL EDUCATION NEEDS & INCLUSIVE EDUCATION

- Explore the benefits of EdTech for SEN learners
- How technology in the classroom can support SEN learners, from pre-school through to HE

**CHAIR: Mr Jose Ruthchan Portillo**, Principal / Vice Director, **The Australian International School**, Laos

**Ms Karen Brinsden**, Principal, **Botany Downs Secondary College**, New Zealand

**Mr Morten Jacobson**, Robotics-craftsman & Technology Scout, **Skolen ved Nordens Plads (K12 school for children with special needs)**

## K12 STREAM:

### SCHOOL ON THE BLOCKCHAIN

- World first 1-1 smartphone policy in primary school
- Australia's first Immersive Education Club
- Coderdojo – drones, VR & MR, coding, augmented reality, gamification in education, 3D printing, robotics
- Setting up STEAM centre
- RocketShoes
- Implications for remote regions
- Change management and tech

**Mr Kieran Nolan**, Educational Technologist, Blockchain Global, **Woorana Park Primary School**, Australia

## K12 STREAM

### NEXT GENERATION LEARNING ENVIRONMENTS AND WEB 3.0

Blockchain, the decentralised web, and what they mean for next generation learning environments.

What will come after the LMS?

Implications for mobile and remote learning.

Using Web 3.0 to create a decentralised digital asset platform for education.

The potential of Web 3.0 to disintermediate learning and empower and connect learners

The RocketShip: a high tech recording studio that archives into a secure, permanent web using Blockchain

**Mr Matthew Riddle**, Associate Professor and Director of Educational Innovation, **La Trobe University**; Doctoral Candidate, Melbourne Graduate School of Education, University of Melbourne, Australia

## HE STREAM:

### ROADMAP TO 21ST CENTURY EDUCATION - CONVERGING EDUCATION AND TECHNOLOGY FOR ACTIVE LEARNING

Building a change among educators and adapting teaching strategies to incorporate technology and enhance 21st Century Learning. This session will provide different perspectives on:

- The challenges to incorporating technology into the classroom
- Achieving buy-in from non-digital native lecturers to embrace technology to deliver lessons
- Design and implementation of a technology coaching programme
- Benefits of creating digitalized learning materials and video content to assist students during revision, or as flipped materials
- Adaptation to teaching using many strategies incorporating technology to enhance 21st century learning skills and the importance of evaluation of techniques

**CHAIR: Mr Oliver Kee Swee Keat**, Senior Lecturer and Programme Coordinator, **Australian Matriculation Sunway College**, Kuala Lumpur, Malaysia

**Ms Vanitha Satchithanadan**, Director & Head of Department, **Australian Matriculation Sunway College**, Kuala Lumpur, Malaysia

**Mr Anandraj Govindaraj**, Technology Coach, **Australian Matriculation Sunway College**, Kuala Lumpur, Malaysia

**Ms V.S. Giita Silverajah**, Lecturer, **Australian Matriculation Sunway College**, Kuala Lumpur, Malaysia

## ROUNDTABLE

### USING EDTECH EFFECTIVELY FOR LEARNING, AVOIDING THE PITFALLS AND PREPARING STUDENTS FOR THE FUTURE

- Developing a sustainable & effective mobile learning environment, which opens the doors to a greater level of Personalised Learning
- A focus on digital wellbeing and the importance of ensuring students can navigate the digital world in a safe & responsible manner, with an understanding of how digital communication is changing society and what this means to young people today
- Acknowledging the changing needs of future employment & 21st Century skills with perspectives from across K12 and HE

**Chair: Mr Ian Pittman**, Head of Technology, **The International School @ ParkCity**, Malaysia

**Professor Dr David Asirvatham**, Executive Dean, Faculty of Build Environment, Engineering, Technology and Design, **Taylors University**, Malaysia

**Professor Mushtak Al-Atabi**, Provost and CEO, **Heriot-Watt University**, Malaysia

**Professor Rozhan M. Idrus**, Professor of Open and Distance Learning (ODL) & Technology, **Universiti Sains Islam Malaysia**

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**K12 STREAM:****BRING 21ST CENTURY PEDAGOGY TO LIFE**

Advances in technology and data enables creativity, collaboration, motivation and self-direction. Sharing insights from across the region, this session will demonstrate the benefits of nurturing creativity, innovation and other 21st century skills to create employment-ready students and prepare them for adult life.

**Dr Matt Harris**, Ed.D. International Educational Consultant

**Ms Staci Kalmbacher**, Group Head of Educational Technology, **Dulwich College International**

**Mr Iain Sallis**, Head of Schools, **Tenby Schools Penang**, Malaysia

**Dr Jessica Hale**, Director of Learning and Innovation, **Oasis International School**, Kuala Lumpur, Malaysia

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**HE STREAM:****TVET AND INDUSTRY ENGAGEMENT TO MEET SKILLS NEEDS OF THE 21ST CENTURY**

**Ms Bernadine Caruana**, Counsellor (Education and Science), **Australian High Commission**, Kuala Lumpur, Malaysia

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**HE STREAM:****LEVERAGING ON ARTIFICIAL INTELLIGENCE (AI) IN TEACHING AND LEARNING**

- The future of jobs in the trend of infusion of Artificial Intelligence
- Era of big data
- Strategizing teaching and learning
- Personalisation
- AI role in the classroom

**Professor Rozhan M. Idrus**, Professor of Open and Distance Learning (ODL) & Technology, **Universiti Sains Islam**  
Malaysia

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## PRICING

| DELEGATE RATES                               | STANDARD    |
|--|-------------|
| Educator/NGO/Government International        | USD \$550   |
| Educator/NGO/Government Local (Malaysia)     | USD \$450   |
| Non Educator/NGO/Government International    | USD \$1,500 |
| Non Educator/NGO/Government Local (Malaysia) | USD \$1,000 |

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