

Plenary Speech Post-COVID Teaching and Learning Strategies and Action Items				
0930	Professor Isabella Poon Wai-Yin Pro-Vice-Chancellor, The Chinese University of Hong Kong			
<b>Invited Talks</b>				
	<b>Parallel 9</b>	<b>Parallel 10</b>	<b>Parallel 11</b>	<b>Parallel 12</b>
	<b>Competency-Based Education</b>	<b>Applied Learning Pedagogies</b>	<b>Interdisciplinary Learning</b>	<b>Social Context</b>
1015	<b>Competency-Based Education : A Training Sequence for Course Developers and Facilitators</b>  Mr Mike Dillon Instructional Designer, Kirkwood Community College	<b>Links in a Chain: Using a Series of Activity-Feedback Loops to Create a Whole Class</b>  Dr Peter Looker Chief Academic and Learning Officer, Wealth Management Institute	<b>Crafting a Design Innovation Module for Interdisciplinary Learning</b>  Dr Nicholas Teo Assistant Professor / Deputy Head, Design Factory, Singapore Institute of Technology	<b>Social Context and Social Innovation in the SIT Undergraduate Curriculum</b>  Dr Intan Azura Binte Mokhtar Associate Professor / Deputy Director, Community Leadership and Social Innovation Centre, Singapore Institute of Technology
<b>Oral Presentations</b>				
	<b>Parallel 13</b>	<b>Parallel 14</b>	<b>Parallel 15</b>	<b>Parallel 16</b>
	<b>Innovative Technologies</b>	<b>Applied Learning Pedagogies</b>	<b>Interdisciplinary Learning</b>	<b>Challenges, Opportunities &amp; Lessons from COVID-19</b>
1050	<b>Implementation of a Chatbot in an Online Chemistry Course: Usage Analytics</b>  Mr Ng He Tong, Dr Cheow Wean Sin, Dr Indriyati Atmosukarto, Mr Prasad Iyer, Mr Faiezin Osman Singapore Institute of Technology	<b>Integrating Industry-based problems in Performance Testing and Optimization Course: an Experience Report</b>  Dr Donny Soh, Dr Indriyati Atmosukarto Singapore Institute of Technology	<b>The Mad Foundry: Towards a Transdisciplinary Education Model for the Creative Disciplines</b>  Mr Mark Lu, Ms Tang Soo Yin, Ms Clarice Sim Singapore Polytechnic	<b>Determinants of Learners' Core Skills Development and Employment During COVID-19 Online Learning: Perspectives of Adult Educators in Singapore</b>  Dr Zan Chen Institute of Adult Learning, Singapore University of Social Sciences  Dr David Kwok Republic Polytechnic
1115	<b>Understanding Learner's Behaviour using Machine Learning in Serious Game</b>  Dr Linda William, Ms Nur Aisha Khalid, Mr Simon Chan, Mr Muhammad Rizal Ismail Temasek Polytechnic	<b>Classroom Debate : The Potential and Challenges</b>  Dr Boo Huey Chern, Dr Lee Kuan-Huel Singapore Institute of Technology	<b>Is it Graded? Using Online Discussion Forums to Develop Criticality in Thought</b>  Dr Nadya Shaznay Patel Singapore Institute of Technology	<b>Evaluating the Impact of Students' Engagement Levels in Virtual Laboratories of Electronics Modules</b>  Dr Arturo Molina-Cristobal, Dr Fan Hong, Dr Idris Lim, Dr Christian Della, Dr Jolly Atit Shah, Dr Duncan Bremner, Dr Vicki Dale, Dr Nicole Kipar University of Glasgow Singapore
1140	<b>Exploring Gamification in Virtual Reality Training of Bioreactor Operations</b>  Dr Jeannie Lee, Mr Benjamin Kwok, Dr Tan Chek Tien, Dr Adison Wong, Dr Bernard Loo Singapore Institute of Technology	<b>Ensemble of Teaching/ Learning Pedagogies Applied to Software Coding to Enhance Learning Outcome</b>  Mr Bernard Loke BioLogic Technik Pte Ltd	<b>An Online Finance-Based Self-Learning Tool: Comparative Study Between Business and Non-Business Students</b>  Dr Pearpilai Jutasompakorn, Dr Indriyati Atmosukarto, Dr Mustafa Kurbanhusen Shabbir, Dr Jesslyn Lim, Dr Agnes Xue Singapore Institute of Technology	<b>Development of a Virtual Wind Tunnel Lab during COVID-19 Pandemic</b>  Dr Victor Wang, Ms Clarice Lee Singapore Institute of Technology

1200	<p><b>Lunch and Poster Gallery</b></p>
	<p><b>Learning Opportunities Amidst the Cv19 Pandemic: Successful Adaption of a F2f Subject for Online Delivery at a Polytechnic in Singapore</b> Dr Linda Fang Temasek Polytechnic</p>
	<p><b>Challenges and Opportunities of Competency Pathways for Adult Learners</b> Dr Brian Heng, Dr Sunny Leong Singapore University of Social Sciences</p>
	<p><b>Blended Learning Approach to Sustain Student Interest in Science General Education Learning</b> Dr Lam Kim Hung The Hong Kong Polytechnic University</p>
	<p><b>Assessment of Students' Knowledge and Skills in Solving Water and Electricity Problems in Real Life</b> Dr Moshood Olawale Fadeyi Singapore Institute of Technology</p>
	<p><b>Teaching P&amp;ID Reading Alongside Critical Thinking, Teamwork and Self-directed Learning Using E-learning</b> Mr Cheah Sin Moh Singapore Polytechnic</p>
	<p><b>Applied Learning Experiences to Better Prepare our Graduates for the Future of Transportation</b> Dr Indriyati Atomosukarto, Ms Cherine Ng Singapore Institute of Technology</p>
	<p><b>Key Success Factors in Multi-disciplinary Capstone Projects</b> Prof Matt Parkinson, Mr Gary Neal, Prof Charlie Purdum Penn State University</p>
	<p><b>An Integrated Multidisciplinary Inquiry-based Applied Learning During COVID-19</b> Dr David Lin , Dr Malcolm Low Singapore Institute of Technology</p>
	<p><b>Advocating An Incremental Approach In Openness To Interdisciplinary Education</b> Mr Cheng Kwang Hwee Singapore University of Social Sciences</p>
	<p><b>Engaging the First-year Students during the Pandemic - An Exploratory Study using a Mixed Method Approach</b> Dr Ong Peck Hoon, Dr Tan Chin Pei Singapore Institute of Technology</p>
	<p><b>AI Chatbot to Teach Microsoft Excel</b> Dr Zhang Huiyu, Dr Linda Fang, Dr Miao Huang, Ms Ester Goh Temasek Polytechnic</p>
<p><b>Scaffolding Critical Reflection For Career Self-efficacy Using A Micromodule</b> Dr Lee Chien Ching, Mr Christopher James Bedwell, Mr Erick Tan Singapore Institute of Technology</p>	
<p><b>Integration of Computational Thinking into Undergraduate Engineering Education: A Case Study on Design of a Hydraulic Coursework</b> Dr Hao Chen, Dr Qi Cao, Dr Christian Della, Dr Idris Lim University of Glasgow</p>	
<p><b>Digitalisation of Logbooks for Capstone Project</b> Dr Eugene Wong, Dr Goh Kheng Lim, Dr Michael Lau, Dr Chong Junjie, Dr Choong Zi Jie Newcastle University in Singapore</p>	
<p><b>Initial Experience of a Programme to Improve Students' Learning Skills Using the Metacognitive Approach</b> Ms Bavani Divo, Ms Juanita Kong, Mr Ramesh Shahdadpuri, Mr Ong Chee Ming, Dr Victor Wang, Dr Eric Chua Singapore Institute of Technology</p>	
<p><b>Elevating Engagement in a Virtual Lesson: The Case at SIT Library</b> Ms Debby Wegener Singapore Institute of Technology</p>	
<p><b>Move Lab Class Online for Engineering Undergraduate Teaching</b> Dr Du Hongjian National University of Singapore</p>	
<p><b>Co-creative Learning As Pedagogic Framework For International Learning Collaboration Projects</b> Dr Elja Metslä Metropolia University of Applied Sciences Dr Cheryl Lian, Dr Frank Guan Singapore Institute of Technology Ms Mikael Soini, Dr Sanna Törnroos Metropolia University of Applied Sciences</p>	
<p><b>Sharing by Sponsors</b> <b>Artificial Intelligence and Machine Learning in Education's Future</b> Dr Kevin Bell Amazon Web Services</p>	
1300	<p>Plenary by Case Writing Competition Winners</p>

Workshops				
	Parallel 17	Parallel 18	Parallel 19	Parallel 20
	<b>Competency-Based Education</b>	<b>Case Method</b>	<b>Critical Thinking</b>	<b>Interactive Oral Workshop</b>
1400	<p><b>Developing Workplace Competency through Practice-Based Curriculum and Pedagogy</b></p> <p>Professor Stephen Billett School of Education and Professional Studies Griffith University</p> <p>Ms Chelvin Loh Director, Jobs-Skills Insights Division, SkillsFuture Singapore (SSG)</p> <p>Mr Arthur Poh Director, National Centre of Excellence for Workplace Learning Singapore Institute of Technology</p>	<p><b>Case Study Writing in the Age of Digital Disruption</b></p> <p>Professor Mathews Nkhoma Dean of School of Business and Management RMIT University</p>	<p><b>Critical Thinking and Applied Learning</b></p> <p>Professor Gerald Nosich Senior Fellow, Bertrand Russell Distinguished Scholar, Foundation for Critical Thinking</p> <p>Dr Nadya Shaznay Patel Assistant Professor, Centre for Communication Skills, Singapore Institute of Technology</p>	<p><b>The Role of Interactive Oral Assessments in Fostering Graduate Attributes in Higher Education</b></p> <p>Dr Karina Michelle Dancza Assistant Professor, Health and Social Sciences Cluster Singapore Institute of Technology</p> <p>Dr Dora Howes Senior Lecturer, International Programme Director University of Glasgow</p> <p>Dr Tan Chin Pei Senior Educational Developer, Centre for Learning Environment and Assessment Development Singapore Institute of Technology</p>
1700	End of Day Two			