



## CONFERENCE PROGRAMME

### INTERNATIONAL CONFERENCE ON MATHEMATICAL SCIENCES AND TECHNOLOGY 2020 (MATHTECH 2020)

8 – 10 DECEMBER 2020

#### Day 1 | 8 Dec 2020 (Malaysia Time or GMT+8)

08:45 – 09:00	Welcome Speech	<i>Room A</i>
09:00 – 10:00	<b>Plenary Session 1</b>	<i>Room A</i>
10:00 – 10:40	<b>Invited Session 1</b>	<i>Room A</i>
10:40 – 11:00	Break	
11:00 – 13:00	<b>Workshop 1</b>	<i>Room E</i>
	<b>Parallel Session 1</b>	<i>1A - Room A</i>
		<i>1B - Room B</i>
		<i>1C - Room C</i>
		<i>1D - Room D</i>
13:00 – 14:00	Lunch Break	
14:00 – 14:40	<b>Invited Session 2</b>	<i>Room A</i>
14:40 – 15:00	Break	
15:00 – 17:00	<b>Workshop 2</b>	<i>Room E</i>
	<b>Parallel Session 2</b>	<i>2A - Room A</i>
		<i>2B - Room B</i>
		<i>2C - Room C</i>
		<i>2D - Room D</i>

**Workshop 1:** *The Basic on being Gig Edutuber*

**Workshop 2:** *Unboxing Topological Data Analysis*



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Day 2   9 Dec 2020 (Malaysia Time or GMT+8)		
08:40 – 09:40	<b>Statworks Sharing Session</b>	<i>Room A</i>
09:40 – 10:40	<b>Plenary Session 2</b>	<i>Room A</i>
10:40 – 11:00	Break	
11:00 – 13:00	<b>Workshop 3</b>	<i>Room E</i>
	<b>Parallel Session 3</b>	<i>3A - Room A</i>
		<i>3B - Room B</i>
		<i>3C - Room C</i>
		<i>3D - Room D</i>
13:00 – 14:00	Lunch Break	
14:00 – 14:40	<b>Invited Session 3</b>	<i>Room A</i>
14:40 – 15:00	Break	
15:00 – 17:00	<b>Workshop 4</b>	<i>Room D</i>
	<b>Workshop 5</b>	<i>Room E</i>
	<b>Parallel Session 4</b>	<i>4A - Room A</i>
		<i>4B - Room B</i>
		<i>4C - Room C</i>

**Workshop 3:** *Meaningful Mathematics Teaching and Learning Pedagogy, A Sustainable Method to Empower High Order Thinking Skills (HOTS) and Metacognition of Students*

**Workshop 4:** *Tools and Tricks of The Trade For Teaching*

**Workshop 5:** *COMOKIT- A Modeling Kit to Understand, Analyze and Compare the impacts of mitigation policies against the COVID-19 pandemic at the Scale of City*



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Day 3   10 Dec 2020 (Malaysia Time or GMT+8)		
09:00 – 09:40	<b>Invited Session 4</b>	<i>Room A</i>
09:40 – 10:40	<b>Plenary Session 3</b>	<i>Room A</i>
10:40 – 11:00	Break	
11:00 – 13:00	<b>Workshop 6</b>	<i>Room E</i>
	<b>Parallel Session 5</b>	<i>5A - Room A</i>
		<i>5B - Room B</i>
		<i>5C - Room C</i>
		<i>5D - Room D</i>
13:00 – 14:00	Lunch Break	
14:00 – 16:00	<b>Workshop 7</b>	<i>Room E</i>
	<b>Parallel Session 6</b>	<i>6A - Room A</i>
		<i>6B - Room B</i>
		<i>6C - Room C</i>
		<i>6D - Room D</i>
16:00 – 16:10	Closing	<i>Room A</i>

**Workshop 6:** *How to Gamify Your Math Classroom*

**Workshop 7:** *Creating Your First Interactive Tableau Dashboard for Data Visualisation*



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*DAY 1 – 8 DEC 2020 (Malaysia Time or GMT+8)*

Time	Room A	Room B	Room C	Room D	Room E
08:45 – 09:00	Welcome Speech				
09:00 – 10:00	<b>Plenary 1</b> Prof. Dr. Edy Tri Baskoro				
10:00 – 10:40	<b>Invited 1</b> Assoc. Prof. Dr. Nguyen Ngoc Doanh				
10:40 – 11:00	Break				
11:00 – 13:00	<b>Parallel 1A</b>	<b>Parallel 1B</b>	<b>Parallel 1C</b>	<b>Parallel 1D</b>	<b>Workshop 1</b>
13:00 – 14:00	Lunch Break				
14:00 – 14:40	<b>Invited 2</b> Professor Dr. Ibrahim Mohamed				
14:40 – 15:00	Break				
15:00 – 17:00	<b>Parallel 2A</b>	<b>Parallel 2B</b>	<b>Parallel 2C</b>	<b>Parallel 2D</b>	<b>Workshop 2</b>

**Workshop 1:** *The Basic on being Gig Edutuber*

**Workshop 2:** *Unboxing Topological Data Analysis*



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8 – 10 DECEMBER 2020

**DAY 2 – 9 DEC 2020 (Malaysia Time or GMT+8)**

Time	Room A	Room B	Room C	Room D	Room E
08:40 – 09:40	<b>Statworks</b> Ms. Puteri Anis Aneesa Binti Zakaria				
09:40 – 10:40	<b>Plenary 2</b> Assoc. Prof. Dr. Leong Kwan Eu				
10:40 – 11:00	Break				
11:00 – 13:00	<b>Parallel 3A</b>	<b>Parallel 3B</b>	<b>Parallel 3C</b>	<b>Parallel 3D</b>	<b>Workshop 3</b>
13:00 – 14:00	Lunch Break				
14:00 – 14:40	<b>Invited 3</b> Assoc. Prof. Dr. Teh Su Yean				
14:40 – 15:00	Break				
15:00 – 17:00	<b>Parallel 4A</b>	<b>Parallel 4B</b>	<b>Parallel 4C</b>	<b>Workshop 4</b>	<b>Workshop 5</b>

**Workshop 3:** *Meaningful Mathematics Teaching and Learning Pedagogy, A Sustainable Method to Empower High Order Thinking Skills (HOTS) and Metacognition of Students*

**Workshop 4:** *Tools and Tricks of The Trade For Teaching*

**Workshop 5:** *COMOKIT- A Modeling Kit to Understand, Analyze and Compare the impacts of mitigation policies against the COVID-19 pandemic at the Scale of City*



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***DAY 3 – 10 DEC 2020 (Malaysia Time or GMT+8)***

Time	Room A	Room B	Room C	Room D	Room E
09:00 – 09:40	<b>Invited 4</b> Dr. Khayriyyah Mohd Hanafiah				
09:40 – 10:40	<b>Plenary 3</b> Prof. Dr. Zinaida Fadeeva				
10:40 – 11:00	Break				
11:00 – 13:00	<b>Parallel 5A</b>	<b>Parallel 5B</b>	<b>Parallel 5C</b>	<b>Parallel 5D</b>	<b>Workshop 6</b>
13:00 – 14:00	Lunch Break				
14:00 – 16:00	<b>Parallel 6A</b>	<b>Parallel 6B</b>	<b>Parallel 6C</b>	<b>Parallel 6D</b>	<b>Workshop 7</b>
16:00 – 16:10	Closing				

***Workshop 6: How to Gamify Your Math Classroom***

***Workshop 7: Creating Your First Interactive Tableau Dashboard for Data Visualisation***