

International Conference on Computational Thinking Education 2020 (CTE2020)
Programme Rundown & Presentation Schedule

Time	Day 1: 19 August 2020 (Wednesday)			Day 2: 20 August 2020 (Thursday)			Day 3: 21 August 2020 (Friday)							
09:00 – 09:15	Registration													
09:15 – 09:30														
09:30 – 09:50	Opening <i>09:30-09:50</i> Room 1			Keynote Speech 3 CT in the Disciplines: Realizing the Promise and Potential of Integrating Computational Thinking into School Learning <u>Speaker:</u> Dr. Shuchi GROVER (Looking Glass Ventures & Stanford University, US) <u>Moderator:</u> Prof. Chee-kit LOOI (Nanyang Technological University, Singapore) <i>09:30-10:30</i> Room 1			Invited Speech 2 Fostering Digital Creativity in Primary School: Lessons Learned From a Large-scale Longitudinal Study of the CoolThink@JC Pilot <u>Speaker:</u> Ms. Linda SHEAR (SRI Education, SRI International, US) <u>Moderator:</u> Mr. Daniel LAI (The Hong Kong Jockey Club, HK) <i>09:30-10:30</i> Room 1							
09:50 – 10:00	Keynote Speech 1 Computational Thinking Education Meets Artificial Intelligence <u>Speaker:</u> Prof. Hal ABELSON (Massachusetts Institute of Technology, US) <u>Moderator:</u> Prof. Siu-cheung KONG (The Education University of Hong Kong, HK) <i>09:50-10:50</i> Room 1													
10:00 – 10:10														
10:10 – 10:20														
10:20 – 10:30														
10:30 – 10:40														
10:40 – 10:50														
10:50 – 11:00	Paper Presentation Session 1 (English) · Track 9/ Paper 9F (10:50-11:20) · Track 2/ Paper 23S (11:20-11:40) <i>10:50-11:50</i> Room 1	Paper Presentation Session 2 (English) · Track 2/ Paper 7F (10:50-11:20) · Track 5/ Paper 27F (11:20-11:50) <i>10:50-11:50</i> Room 2	Paper Presentation Session 3 (English) · Track 10/ Paper 32F (10:50-11:20) · Track 7/ Paper 36S (11:20-11:40) <i>10:50-11:50</i> Room 3	Poster Presentation Session 1 (Chinese) · Track 16/ Paper 24P (10:40-10:50) · Track 9/ Paper 49P (10:50-11:00) <i>10:40-11:10</i> Room 1		Poster Presentation Session 2 (English) · Track 2/ Paper 22P (10:40-10:50) · Track 9/ Paper 38P (10:50-11:00) · Track 2/ Paper 15P (11:00-11:10) · Track 7/ Paper 47P (11:10-11:20) · Track 9/ Paper 53P (11:20-11:30) · Track 13/ Paper 19P (11:30-11:40) <i>10:40-11:40</i> Room 2		Doctoral Consortium <i>10:40-13:40</i> Room 3	Teacher Forum Session 1 (English) · Paper 7 (10:40-10:55) · Paper 29 (10:55-11:10) · Paper 31 (11:10-11:25) · Paper 32 (11:25-11:40) · Paper 23 (11:40-11:55) <i>10:40-12:00</i> Room 1		Teacher Forum Session 2 (Chinese) · Paper 5 (10:40-10:55) · Paper 11 (10:55-11:10) · Paper 12 (11:10-11:25) · Paper 13 (11:25-11:40) <i>10:40-11:40</i> Room 2		Teacher Forum Session 3 (Chinese) · Paper 6 (10:40-10:55) · Paper 16 (10:55-11:10) · Paper 19 (11:10-11:25) · Paper 22 (11:25-11:40) <i>10:40-11:40</i> Room 3	
11:00 – 11:10														
11:10 – 11:20														
11:20 – 11:30														
11:30 – 11:40														
11:40 – 11:50	International Forum on Implementation of Computational Thinking Education in K-12 <u>Panelists:</u> Prof. Ronghuai HUANG (Beijing Normal University, China) Prof. Sridhar IYER (Indian Institute of Technology Bombay, India) Dr. Hyo-Jeong SO (Ewha Womans University, South Korea) <u>Moderator:</u> Prof. Siu-cheung KONG (The Education University of Hong Kong, HK) <i>11:40-12:40</i> Room 1													
11:50 – 12:00														
12:00 – 12:10														
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12:30 – 12:40														
12:40 – 12:50	Lunch <i>11:50-12:50</i>													
12:50 – 13:00														
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13:10 – 13:20														
13:20 – 13:30														
13:30 – 13:40														
13:40 – 13:50	Paper Presentation Session 4 (Chinese) · Track 6/ Paper 48S (12:50-13:10) · Track 3/ Paper 44S (13:10-13:30) · Track 10/ Paper 51S (13:30-13:50) <i>12:50-14:00</i> Room 1	Paper Presentation Session 5 (Chinese) · Track 12/ Paper 42S (12:50-13:10) · Track 16/ Paper 17S (13:10-13:30) · Track 4/ Paper 43S (13:30-13:50) <i>12:50-14:00</i> Room 2	Paper Presentation Session 6 (Chinese) · Track 7/ Paper 26F (12:50-13:20) · Track 2/ Paper 45S (13:20-13:40) · Track 16/ Paper 46S (13:40-14:00) <i>12:50-14:00</i> Room 3	Lunch <i>12:40-13:40</i>										
13:10 – 13:20														
13:20 – 13:30														
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13:50 – 14:00	Paper Presentation Session 7 (English) · Track 2/ Paper 52F (14:00-14:30) · Track 2/ Paper 14F (14:30-15:00) <i>14:00-15:00</i> Room 1	Paper Presentation Session 8 (English) · Track 10/ Paper 30F (14:00-14:30) · Track 16/ Paper 20F (14:30-15:00) <i>14:00-15:00</i> Room 2	Paper Presentation Session 9 (English) · Track 7/ Paper 55S (14:00-14:20) · Track 4/ Paper 21S (14:20-14:40) <i>14:00-15:00</i> Room 3	Paper Presentation Session 10 (English) · Track 10/ Paper 54F (13:40-14:10) · Track 3/ Paper 29F (14:10-14:40) <i>13:40-14:50</i> Room 1		Paper Presentation Session 11 (English) · Track 1/ Paper 33F (13:40-14:10) · Track 10/ Paper 56S (14:10-14:30) · Track 5/ Paper 13S (14:30-14:50) <i>13:40-14:50</i> Room 2		Paper Presentation Session 12 (English) · Track 5/ Paper 39S (13:40-14:00) · Track 12/ Paper 35S (14:00-14:20) · Track 16/ Paper 37S (14:20-14:40) <i>13:40-14:50</i> Room 3		Invited Speech 3 How Students Experience the Computational Thinking Process when Playing the Board Game-Robot City <u>Speaker:</u> Prof. Ting-Chia HSU (National Taiwan Normal University, Taiwan) <u>Moderator:</u> Prof. Robert Kwok-yiu LI (City University of Hong Kong, HK) <i>13:40-14:40</i> Room 1				
14:00 – 14:10														
14:10 – 14:20														
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14:40 – 14:50	Keynote Speech 2 Computational Thinking, Why is it Important and When to Learn What? <u>Speaker:</u> Prof. Marcus SPECHT (Technical University of Delft, The Netherlands) <u>Moderator:</u> Prof. Tak Wai CHAN (National Central University, Taiwan) <i>15:00-16:00</i> Room 1													
14:50 – 15:00														
15:00 – 15:10														
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15:20 – 15:30														
15:30 – 15:40														
15:40 – 15:50	Invited Speech 1 The Five Issues to Facilitate Students Develop Innovative Algorithm for Solving Complex Authentic Problems <u>Speaker:</u> Prof. Ronghuai HUANG (Beijing Normal University, China) <u>Moderator:</u> Prof. Ju-ling SHIH (National Central University, Taiwan) <i>14:50-15:50</i> Room 1													
15:50 – 16:00														
16:00 – 16:10														
16:10 – 16:20														
16:20 – 16:30														
16:30 – 16:40														
16:40 – 16:50	International Forum on Professional Development of Teacher for Practicing Computational Thinking Education in K-12 <u>Panelists:</u> Prof. Chee-kit LOOI (Nanyang Technological University, Singapore) Prof. Marcelo MILRAD (Linnaeus University, Sweden) Prof. Ju-ling SHIH (National Central University, Taiwan) <u>Moderator:</u> Prof. Siu-cheung KONG (The Education University of Hong Kong, HK) <i>16:00-17:00</i> Room 1			Keynote Speech 4 Assessing Computational Thinking in PISA <u>Speaker:</u> Dr. Mario PIACENTINI (PISA, Organisation for Economic Co-operation and Development, France) <u>Moderator:</u> Prof. Siu-cheung KONG (The Education University of Hong Kong, HK) <i>15:50-16:50</i> Room 1			Closing <i>15:40-16:40</i> Room 1							
16:50 – 17:00														
17:00 – 17:10														

Remarks: All the time shown in the rundown are Hong Kong time.

- Track 1: Computational Thinking
- Track 2: Computational Thinking and Coding Education in K-12
- Track 3: Computational Thinking and Unplugged Activities in K-12
- Track 4: Computational Thinking and Subject Learning and Teaching in K-12
- Track 5: Computational Thinking and Teacher Development
- Track 6: Computational Thinking and IoT
- Track 7: Computational Thinking and STEM/STEAM Education
- Track 8: Computational Thinking and Data Science
- Track 9: Computational Thinking and Artificial Intelligence Education
- Track 10: Computational Thinking Development in Higher Education
- Track 11: Computational Thinking and Special Education Needs
- Track 12: Computational Thinking and Evaluation
- Track 13: Computational Thinking and Non-formal Learning
- Track 14: Computational Thinking and Psychological Studies
- Track 15: Computational Thinking in Educational Policy
- Track 16: General Submission to Computational Thinking Education