

APCNCS 2026

Asia-Pacific Summer School and Conference on Networks and Complex Systems
9 – 12 June 2026 • Nanyang Technological University, Singapore

Registration Invited Talk Lecture Break Panel Parallel Session Social Event Ceremony Meet the Editor

Tuesday, 9 June Summer School		Wednesday, 10 June Conference Day 1	
08:00		08:00 – 08:35 Registration	
08:30		Opening Address	
09:00	Registration	08:45 – 09:20 Marton Karsai Advances in Complex Systems Invited Lecture: Socioeconomic Networks, Segregation Patterns and Their Dynamics	
09:30	Opening Remarks	09:20 – 10:05 Misako Takayasu Modeling the Gut Microbiome Ecosystem Based on a Random Multiplicative Process	
10:00	09:10 – 10:10 Marton Karsai Temporal Networks and Spreading Phenomena		
10:30	10:10 – 10:30 Coffee Break	10:05 – 10:30 How to Do Impactful Research Panel Discussion 1	
11:00	10:30 – 11:30 Lock Yue Chew Information Thermodynamics: Classical and Quantum Perspective	10:30 – 11:00 Coffee Break	
11:30	11:30 – 12:30 Misako Takayasu Money-flow network among about 1 million business firms in Japan	11:00 – 12:30 Parallel Session 1	
12:00			
12:30	12:30 – 14:00 Lunch Break	12:30 – 13:30 Lunch	
13:00			
13:30		13:30 – 14:00 Lock Yue Chew Dynamical scheduling and statistical physics of city-scale bus	
14:00	14:00 – 15:00 Anirban Chakraborti Complex Systems Studies using Machine Learning	14:00 – 14:30 Sarah Russell T cell development: Coordinated self-organisation at the level of	
14:30		14:30 – 15:00 Thiparat Chotibut Robust Sequence Recognition in Random Neuronal Networks	
15:00	15:00 – 15:20 Coffee Break	15:00 – 15:30 Marton Karsai EiC, Advances in Complex Systems	
15:30	15:20 – 16:20 Academic Publication Workshop Writing, Publishing Strategies, Peer Review Insights	15:30 – 16:00 Coffee Break	
16:00		16:00 – 17:30 Parallel Session 2	
16:30	16:20 – 17:20 Jose Fernando Mendes Navigating Through Complexity: From Emergence to Networks		
17:00			
17:30	17:20 – 17:45 Research Directions, Careers, and Interdisciplinary Work Panel Discussion + Closing Remarks		
18:00			
19:00			
21:00			

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Thursday, 11 June Conference Day 2		Friday, 12 June Conference Day 3	
08:00	08:00 – 08:45 Registration		
08:30		Registration	
09:00	08:45 – 09:20 Ginestra Bianconi Learning the Topology of Higher-Order Networks from Their Dynamics	08:40 – 09:20 Carlos Gershenson On the Limits of the Scientific Study of Complex Systems	
09:30	09:20 – 10:05 Hawoong Jeong Understanding Complex Systems via Network, Data, AI	09:20 – 10:00 Jose Fernando Mendes MDPI Entropy Invited Lecture	
10:00	10:05 – 10:30 Forging International Collaborations Panel Discussion	10:00 – 10:30 Leihan Tang Solving Spin Glass Problems Through Physics, Mathematics,	
10:30	10:30 – 11:00 Coffee Break	10:30 – 11:00 Coffee Break	
11:00	11:00 – 12:30 Parallel Session 3	11:00 – 12:30 Parallel Session 5	
11:30			
12:00			
12:30	12:30 – 13:30 Lunch	Closing Address	
13:00			
13:30	13:30 – 14:00 Parongama Sen Nonlinear Biased q-Voter Models: Steady States and Persistence	13:00 – Evening Social Visit to Gardens by the Bay Bus trip • Late lunch • Flower Dome • Cloud Forest • Light show at 19:45 (optional) • Dinner at Lau Pa Sat • Bus back to NEC	
14:00	14:00 – 14:30 Fatimah Abdul Razak The Social Architecture of Stories: Mapping Connectivity as a		
14:30	14:30 – 15:00 Hsuan-Yi Chen The Statistical Mechanics of Detecting Weak Molecular Signals		
15:00	15:00 – 15:30 Jose Fernando Mendes MDPI Entropy / Complexities		
15:30	15:30 – 16:00 Coffee Break		
16:00	16:00 – 17:30 Parallel Session 4		
16:30			
17:00			
17:30			
18:00			
19:00	19:00 – 21:30 Conference Dinner Nanyang Lake Pavilion		
21:00			