



Frontiers in Science

A Conference in honour of Professor CN Yang at 100

Wednesday, 8 June 2022
Nanyang Technological University Singapore

Time (GMT +8)	Conference Programme
08:00 - 08:50	Arrival of Guests / Virtual Attendees' Login
	Opening Ceremony (Emcee: Zann Teo Jiexin, CN Yang Scholar)
09:00 - 09:05	Welcome Address by Conference Chair Prof SUM Tze Chien (Director, Institute of Advanced Studies, NTU)
09:05 - 09:15	Opening Speech by Guest-of-Honour Prof LING San (NTU Deputy President and Provost)
09:15 - 09:25	Introductory Talk about Prof Chen-Ning Yang Prof Kok Khoo PHUA (Chairman and Editor-in-Chief, World Scientific Publishing Company)
09:25 - 09:35	Video Tribute to Nobel Laureate Prof Chen-Ning YANG
09:35 - 09:45	Group Photo-Taking
	Session 1 Chairs: Prof FAN Hongjin and Assoc Prof David WILKOWSKI (Nanyang Technological University)
09:45 - 10:30	Prof Konstantin NOVOSELOV (Nobel Laureate in Physics 2010; National University of Singapore) <i>Materials for the Future</i>
10.30 - 11:00	Coffee Break
11:00 - 11:30	Prof Christos PANAGOPOULOS (Nanyang Technological University) - online <i>Superconductivity-Magnetism Duality in Chiral Quantum Matter</i>
11:30 - 12:00	Prof OH Choo Hiap (National University of Singapore) <i>Prof CN Yang and Physics Education in Malaysia and Singapore</i>
12:00 - 12:30	Prof Ping AO (Shanghai University) - online <i>The Lee-Yang Theorem, the Foundation of Discontinuous Phase Transition Theory and its Modern Implication</i>



Frontiers in Science

A Conference in honour of Professor CN Yang at 100

Wednesday, 8 June 2022
Nanyang Technological University Singapore

12:30 - 13:00	Assoc Prof GU Mile (Nanyang Technological University) <i>Quantum-Enhanced Autonomous Agents: Can Quantum Reasoning Better Adapt to Complex Realities?</i>
13:00 - 14:15	Lunch Break
	Session 2 Chairs: Prof GONG Jiangbin and Assoc Prof KWEK Leong Chuan (National University of Singapore)
14:15 - 14:45	Assoc Prof Meng-Chwan TAN (National University of Singapore) - online <i>Yang-Mills Theory and the Physical Mathematics Revolution</i>
14:45 - 15:15	Nanyang Assistant Prof Nelly NG (Nanyang Technological University) <i>Quantifying Disorder in a Quantum World</i>
15:15 - 15:45	Assoc Prof ARIANDO (National University of Singapore) <i>The Rise of A New Superconducting Era "The Nickel Age"</i>
15:45 - 16:15	Coffee Break
16:15 - 16:45	Assoc Prof David WILKOWSKI (Nanyang Technological University) <i>Making and Using Ultracold Gases: Artificial Non-Abelian Gauge Field</i>
16:45 - 17:15	Prof José Ignacio LATORRE (National University of Singapore) <i>Entanglement in Particle Physics</i>
17:15 - 18:00	Prof Brian SCHMIDT (Nobel Laureate in Physics 2011; Australian National University) - online <i>The Evolution of Physics in the 100 Years of Professor CN Yang</i>
18:00 - 18:10	Closing Remarks by Prof FAN Hongjin (Director, CN Yang Scholars Programme, NTU)