

**Conference on Limits on Computability, Definability, Provability–
Celebrating the Mathematical and Professional Contributions of Chong Chi Tat
(09–10 Jan 2025)**

Organizing Committee

Jun Le Goh

Yue Yang

National University of Singapore



Venue

IMS Executive Seminar Room

Block S17, Level 3
10 Lower Kent Ridge Road
Singapore 119076



This workshop is partially sponsored by
the GS Charity Foundation.

感谢旭日慈善基金对本次学术研讨会的慷慨资助

For more information:
https://ims.nus.edu.sg/events/celebrate_cct/

Conference on Limits on Computability, Definability, Provability– Celebrating the Mathematical and Professional Contributions of Chong Chi Tat (09–10 Jan 2025)

Thursday, 09 January 2025

Time	Title	Speaker
0915–0945	Registration	
0945–1030	Halpern-Läuchli Theorem and Σ_2 -Induction	Yue Yang <i>National University of Singapore, Singapore</i>
1030–1100	Tea Break	
1100–1145	Definable Determinacy in Second Order Number Theory	Hugh Woodin <i>Harvard University USA</i>
1145–1230	The Theory of Higher Randomness: Progress and Open Questions	Liang Yu <i>Nanjing University, China</i>
1230–1400	Lunch Break	
1400–1445	The Interplay of Genericity and Minimality	Rod Downey <i>Victoria University of Wellington, New Zealand</i>
1445–1530	On Equivalence Relations Induced by Polish Groups	Longyun Ding <i>Nankai University, China</i>
1530–1600	Tea Break	
1600–1645	Defining Standardness in Nonstandard Arithmetic	Tin Lok Wong <i>National University of Singapore, Singapore</i>

Friday, 10 January 2025

Time	Title	Speaker
0930–0945	Registration	
0945–1030	Travels with CT	Theodore Slaman <i>University of California, Berkeley USA</i>
1030–1100	Tea Break	
1100–1145	Borel Rectangulations of Bernoulli Shifts	Su Gao <i>Nankai University, China</i>
1145–1230	Definable Combinatorial Principles in Fragments of Arithmetic	Wei Wang <i>Sun Yat-Sen University, China</i>
1230–1400	Lunch Break	

Friday, 10 January 2025		
Time	Title	Speaker
1400–1445	Randomness Via Effective Descriptive Set Theory	Andre Nies <i>University of Auckland, New Zealand</i>
1445–1530	From Morley's Categoricity to Nonabelian Brunn-Minkowski	Chieu Minh Tran <i>National University of Singapore, Singapore</i>
1530–1600	Tea Break	
1600–1645	Professor Chong's Impact on Education in Singapore	Junle Goh <i>National University of Singapore, Singapore</i>

This schedule is accurate as of 16 Dec 2024 and is subjected to changes.