



**From omega to Omega
Workshop on Set Theory
(3–7 July 2023)**



Venue

IMS Auditorium
Institute for Mathematical Sciences
3 Prince George's Park
Singapore 118402

ORGANIZING COMMITTEE

Co-Chairs

James W Cummings
Carnegie Mellon University

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Victoria University of Wellington

Ralf Schindler
University of Münster

Yue Yang
National University of Singapore

Liang Yu
Nanjing University

Workshop on Set Theory (3–7 July 2023)

Monday, 03 July 2023

Time	Title	Speaker
0930–1000	Registration	
1000–1050	On negation of the Singular Cardinals Hypothesis with GCH below (Part I)	Moti Gitik Tel Aviv University, Israel
1050–1100	Tea Break	
1100–1150	$\text{Q}_{\max} - (*)$.is a forcing axiom (Part I)	Andreas Lietz University of Münster, Germany
1150–1400	Lunch Break	
1400–1450	Higher reflection principles and cardinal arithmetic	Hiroshi Sakai Kobe University, Japan
1450–1500	Tea Break	
1500–1550	A simplified morass by finite mixtures of two types	Tadatoshi Miyamoto Nanzan University, Japan

Tuesday, 04 July 2023

Time	Title	Speaker
0945–1000	Registration	
1000–1050	On negation of the Singular Cardinals Hypothesis with GCH below (Part II)	Moti Gitik Tel Aviv University, Israel
1050–1100	Group Photo & Tea Break	
1100–1150	$\text{Q}_{\max} - (*)$.is a forcing axiom (Part II)	Andreas Lietz University of Münster, Germany
1150–1400	<i>Lunch Reception at IMS</i>	
1400–1450	Preserving AD via forcings	Daisuke Ikegami Shibaura Institute of Technology, Japan
1450–1500	Tea Break	
1500–1550	A partition ordinal definable from a surjection	Yinhe Peng Chinese Academy of Sciences, China

Wednesday, 05 July 2023		
Time	Title	Speaker
0945–1000	Registration	
1000–1050	On the limits of properness	David Asperó University of East Anglia, UK
1050–1100	Tea Break	
1100–1150	Algebra and Axiom of Choice	Jindrich Zapletal University of Florida, USA
1150–1400	Lunch Break	
1400–1450	The structure of generalized degrees in $L[\mathcal{E}]$	Xianghui Shi Beijing Normal University, China
1450–1500	Tea Break	
1500–1550	On the strength of leap constellations	Gunter Fuchs The City University of New York, USA

Thursday, 06 July 2023		
Time	Title	Speaker
0945–1000	Registration	
1000–1050	A surjection from square onto power	Liuzhen Wu University of Chinese Academy of Sciences, China
1050–1100	Tea Break	
1100–1150	The tree property	Spencer Unger University of Toronto, Canada
1150–1400	Lunch Break	
1400–1450	Full normalization and the initial segment condition for mice with long extenders	Farmer Schlutzenberg University of Münster, Germany

This schedule is accurate as of 27 June 2023. It is subjected to changes