## IMS Graduate Summer School in Logic (04 Jul 2022–20 Jul 2022)



## Venue

Department of Mathematics National University of Singapore Block S17, Room 04-06 10 Lower Kent Ridge Road Singapore 119076.

## Lecturers

Ralf Schindler University of Münster, Germany

Theodore A. Slaman University of California, Berkeley, USA

Isaac Goldbring University of California, Irvine, USA

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Mon - Fri, 04–08 July 2022			
Time	Title	Speaker	
0915-0930	Registration		
0930-1045	Forcing axioms and Pmax	Ralf Schindler University of Münster, Germany	
1045-1115	Coffee Break		
1115-1230	Forcing axioms and Pmax	Ralf Schindler University of Münster, Germany	
1230-1400	Lunch Break		
1400-1600	Discussion		
Thursday, 7 July 2022			
Time	Title	Speaker	
1600-1640	Usuba's extendible and resurrection	Wojciech Woloszyn Oxford University, UK	
Sun - Thu, 10–14 July 2022			
Time	Title	Speaker	
0915-0930	Registration		
0930-1045	Computability theory, set theory and geometric measure theory	Theodore A. Slaman University of California, Berkeley, USA	
1045-1115	Coffee Break		
1115-1230	Computability theory, set theory and geometric measure theory	Theodore A. Slaman University of California, Berkeley, USA	
1230-1400	Lunch Break		
1400-1600	Discussion		

Wednesday, 13 July 2022			
Time	Title	Speaker	
1600-1630	Two problems concerning Hausdorff measures and the Lebesgue measure	Tatsuya Goto Kobe University, Japan	
1630-1700	Existentially closed groups as a bridge between computability theory, model theory, and algebra	Isabella Scott University of Chicago, USA	
Sat - Wed, 16–20 July 2022			
Time	Title	Speaker	
0915-0930	Registration		
0930-1045	Model theory of tracial von Neumann algebras	Isaac Goldbring University of California, Irvine, USA	
1045-1115	Coffee Break		
1115-1230	Model theory of tracial von Neumann algebras	Isaac Goldbring University of California, Irvine, USA	
1230-1400	Lunch Break		
1400-1600	Discussion		
Tuesday, 19 July 2022			
Time	Title	Speaker	
1600-1630	Generalized computable numberings	Fariza Rakymzhankyzy Kazakh-British Technical University, Kazakhstan	
1630-1700	Modal model theory	Wojciech Woloszyn Oxford University, UK	
1700-1730	Partition Hypotheses and the Additivity of Strong Homology	Nathaniel Bannister Carnegie Mellon University, USA	