

# SCHEDULE

## OCT. 25<sup>TH</sup> FRIDAY

14:00~20:00	Registration at the reception hall of Shaoyuan Building 7
15:00~17:00	Public lecture at 丁石孙教室, Zhihua Building 数学中分类问题的复杂性 Su Gao (Nankai University)

## OCT. 26<sup>TH</sup> SATURDAY UNSHADED EVENTS AT HONGYA HALL, SHADED EVENTS AT BOYA HALL

8:30~9:00	Opening	
9:00~10:00	Infinite structural Ramsey theory and logic Natasha Dobrinen (University of Notre Dame)	
10:15~11:15	From model theory to mathematical economics Yeneng Sun (National University of Singapore)	
11:30~12:10	The definability of cardinality and Small Violations of Choice Bokai Yao	The determinacy strength of probabilistic omega-languages Wenjuan Li
Lunch		
13:45~14:45	Definable combinatorial principles in fragments of arithmetic Wei Wang (Sun Yat-sen University)	
15:00~15:40	Embedding Borel graphs into grids Jing Yu	Splitting properties in 3-c.e. degrees Yong Liu
15:40~16:20	An order analysis of hyperfinite Borel equivalence relations Ming Xiao	Multiple applications of fully first order problems Daniel Mourad
16:35~17:15	On groups definable in p-adically closed fields Ningyuan Yao	Doing logic like doing physics: a logical theory of conditionals and modals Xuefeng Wen
17:15~17:55	Amalgamation and existential closedness of valued difference fields Jan Dobrowolski	Axiomatization of modal logic with complementary operator and Boolean modal logic Chenwei Shi

## OCT. 27<sup>TH</sup> SUNDAY UNSHADED EVENTS AT HONGYA HALL, SHADED EVENTS AT BOYA HALL

9:00~9:40	Existence of Kim-independence in NSOP1 theories over sets Joonhee Kim	The surprise exam in full modal fixed-point logic Yanjun Li
9:55~10:55	Topological models of provability logic Lev Beklemishev (Steklov Institute of Mathematics, RAS)	
11:10~12:10	Word structures and their automatic presentations Bakh Khoussainov (University of Electronic Sciences and Technology of China)	
12:10~12:30	Closing	

Full program and abstracts at <https://voidprove.github.io/cacml2024/program/>  
Or you can scan the QRcode on the right.



