

For the latest program, see <https://www2.kobe-u.ac.jp/~brendle/alc2025/program.html>

Monday (Lunch: 12:00-13:30 Coffee break: 15:00-15:30, 16:15-16:35)

10:40-10:50 Opening (T205)		
11:00-12:00 Plenary talk (T205) Su Gao, Descriptive Combinatorics of Countable Group Actions		chair: Brendre
Special Session on Philosophical logic (T205)	Special Session on Computability (T202) chair: Kihara	
13:30-14:10 Sujata Ghosh, A modal logic study of substitutions	13:30-14:10 Matthew de Brecht, Effective subcategories of	
14:20-15:00 Nobu-yuki Suzuki, Disentangling and Reconnecting	quasi-Polish spaces	
Constructivity: The Role of the Quantifier Annihilation Axiom	14:20-15:00 Shuichi Hirahara, (TBA)	
C1 (T205) chair: Toshio Suzuki	C1 (T202) chair: Sujata Ghosh	C1 (T203) chair: Hiroaki Minami
15:30-15:50 Kenshi Miyabe	15:30-15:50 Katsuhiko Sano	15:30-15:50 Diego A. Mejia
15:55-16:15 Manat Mustafa	15:55-16:15 Yuito Murase	15:55-16:15 Francesco Parente
Kenshi Miyabe, Variation of weakly computable reals in Solovay reducibility		
Manat Mustafa, On Learning Existentially Definable Subsets in a Computable Structure		
Katsuhiko Sano, Uniform Interpolation of Basic Tense Logic		
Yuito Murase, Modality with explicit states of knowledge		
Diego A. Mejia, Cardinal characteristics of the null-additive and meager-additive ideals		
Francesco Parente, On the Rudin-Frolfk ordering of ultrafilters on complete Boolean algebras		
C2 (T205) chair: Tomoaki Kawano	C2 (T202) chair: Diego A. Mejia	C2 (T203) chair: Yudai Suzuki
16:35-16:55 Ryoma Sin'ya	16:35-16:55 Yushiro Aoki	16:35-16:55 Koshiro Ichikawa
17:00-17:20 Yuto Takeda	17:00-17:20 Hidetaka Noro	17:00-17:20 Araki Oto
Ryoma Sin'ya, Measure-Theoretic Aspects of First-Order Definable Languages and Group Languages		
Yuto Takeda, Modal logic in second-order arithmetic		
Yushiro Aoki, A property of forcing posets stronger than prelaiber $\aleph_1$ and its forcing axiom		
Hidetaka Noro, cardinal invariants and generalized prediction numbers		
Koshiro Ichikawa, A Modular Ordinal Analysis for Fragments of Induction Principles		
Araki Oto, Singular integrals in weak subsystems of second-order arithmetic		

Tuesday (Coffee break: 10:40-11:00, 15:00-15:30 Lunch: 12:00-13:30)

C3 (T205) chair: Kenshi Miyabe	C3 (T202) chair: Junguk Lee	C3 (T203) chair: Takuro Onishi
09:30-09:50 Nikolay Bazhenov	09:30-09:50 Beibut Kulpeshov	09:30-09:50 Chao Yuan
09:55-10:15 Toshio Suzuki	09:55-10:15 Akito Tsuboi	09:55-10:15 Masaya Taniguchi
10:20-10:40 Michael Hrusak	10:20-10:40 Aibat Yeshkeyev	10:20-10:40 Jilin Wang
Nikolay Bazhenov, On computable and punctual Stone spaces		
Toshio Suzuki, The field generated by left c.e. reals below a weakly computable real		
Michael Hrusak, The bounded topology		
Beibut Kulpeshov, On connection of the countable spectrum with algebras of binary formulas		
Akito Tsuboi, Rethinking Ehrenfeucht Theories		
Aibat Yeshkeyev, On the Kaiser class of an inductive theory (online)		
Chao Yuan, On the Deep Structure of Xunzi's Linguistic Logic System		
Masaya Taniguchi, Proof-Theoretic Analysis and Normalization in Categorical Grammars for Context-Free Languages		
Jilin Wang, The logic of Frege's Begriffsschrift is actually non-Fregean		

11:00-12:00 Plenary talk (T205) Fenrong Liu, Modelling Gameplay on Graphs in Modal Logics			chair: Sano
Special session on Set theory (T205)	Special session on Proof theory and RM (T202) chair: Yokoyama		
13:30-14:10 Sarka Stejskalova, Weak Kurepa trees	13:30-14:10 Taishi Kurahashi, Provability and consistency principles for the second incompleteness theorem		
14:20-15:00 Teruyuki Yorioka, Aspero-Mota iteration and the size of the continuum	14:20-15:00 Shuwei Wang, Realisability semantics and choice principles for Weaver's third-order conceptual mathematics		
Special session on Model theory (T205)	Special session on Computability theory (T202) chair: Kihara		
15:30-16:10 Hirotaka Kikyo, Dividing and forking in some generic structures	15:30-16:10 Wei Wang, Iterated jumps of perfect subtrees of positive trees		
16:20-17:00 Scott Mutchnik, A low-information unstable forking sequence	16:20-17:00 Heer Tern Koh, Effective Polish Spaces (online)		

Wednesday (Coffee break: 10:40-11:00 Lunch: 12:00-13:00 Excursion & Banquet)

C4 (T205) chair: Hirotaka Kikyo	C4 (T202) chair: Nobu-Yuki Suzuki	C4 (T203) chair: Keita Yokoyama
09:30-09:50 Masato Fujita	09:30-09:50 Osvaldo Guzman	09:30-09:50 Mingde Cao
09:55-10:15 Nigel Pynn-Coates	09:55-10:15 Purbita Jana	09:55-10:15 Satoshi Nakata
10:20-10:40 Hu Yetao	10:20-10:40 Yunsong Wang	10:20-10:40 Russell Miller
11:00-12:00 Plenary talk (T205) Takako Nemoto, Constructive reverse mathematics over formal systems chair: Yokoyama		

Masato Fujita, On definable compactness in locally o-minimal structures
Nigel Pynn-Coates, Tame pairs of transseries fields
Hu Yetao, Is the Recombination Paradox an Inclosure Paradox?
Osvaldo Guzman, Ramsey clubs and square bracket operations
Purbita Jana, Continuous Algebra: algebraic semantics for Continuous Propositional Logic
Yunsong Wang, Completeness of intuitionistic logic based on problem semantics
Mingde Cao, Decoding Yijing with Algebra: A Novel Exploration of Hexagram Transformation from Mathematical Structures
Satoshi Nakata, A kripke frame semantics defined along local operators in a topos
Russell Miller, Questions on computability and Galois groups

Thursday (Coffee break: 10:30-11:00, 14:30-15:00, 16:30-16:45 Lunch: 12:00-13:30)

C5 (T205)	chair: Purbita Jana	C5 (T202)	chair: Kota Takeuchi	C5 (T203)	chair: Toshimichi Usuba
09:45-10:05 Yuki Nishimura		09:45-10:05 Koki Okura		09:45-10:05 Kenta Tsukuura	
10:10-10:30 Yosuke Fukuda		10:10-10:30 Youan Su		10:10-10:30 Ido Feldman	
Yuki Nishimura, A hybrid logic for the present King of France					
Yosuke Fukuda, A modal linear logic: its proof theory and semantics					
Koki Okura, A construction of NIP expansions of the p-adic fields without the rationality of Poincare series					
Youan Su, A proof-theoretic approach to uniform interpolation property of multi-agent modal logic K_n					
Kenta Tsukuura, The dissection of ($\dagger$)					
Ido Feldman, All Hajnal-Máté graphs on $\aleph_2$ may have small chromatic number					
11:00-12:00 Plenary talk (T205) Kazushige Terui, Algebraic proof theory: a tutorial					chair: Miyoshi
13:30-14:30 Plenary talk (T205) Artem Chernikov, Intersecting sets in probability spaces and model theoretic classification					
chair: Takeuchi					
Special session on Set theory (T205)		chair: Shioya	Special session on Model theory (T202)		chair: Lee Junguk
15:00-15:40 Monroe Eskew, Ideals and blobs			15:00-15:40 Jinhe Ye, Revisiting Zilber’s trichotomy		
15:50-16:30 Tanmay Inamdar, A Ramsey theorem for the reals			15:50-16:30 Tran Chieu Minh, Large implies henselian		
Special session on Set theory (T205)		chair: Usuba	C6 (T202)		chair: Taishi Kurahashi
16:50-17:30 Miguel Cardona, Around the constant prediction number and constant evasion number			16:45-17:05 Joachim Mueller-Theys		
			17:10-17:30 Hangjie Cao		
Joachim Mueller-Theys, On Elementhood and Comprehension					
Hangjie Cao, Symmetry groups of boolean self-referential systems					

Friday (in Shinrikan; Coffee break: 10:30-11:00, 15:00-15:30 Lunch:12:00-13:30)

C7 (SR402)	chair: Russell Miller	C7 (SR401)	chair: Akito Tsuboi	C7 (SR403)	chair: Fenrong Liu
09:45-10:05 Kakeru Yokoyama		09:45-10:05 Ikuo Yoneda		09:45-10:05 Leonardo Pacheco	
10:10-10:30 Takayuki Kihara		10:10-10:30 Takashi Yamazoe		10:10-10:30 Zhe Lin	
Kakeru Yokoyama, Ramdomness and agnostic c-online learning Takayuki Kihara, Idealized effective toposes and the Katětov order Ikuo Yoneda, Local modularity and one-basedness for type definable subsets in rosy theories Takashi Yamazoe, Cardinal invariants of products of ideals Leonardo Pacheco, Epistemic possibility in Artemov and Prottopopescu’s intuitionistic epistemic logic Zhe Lin, Non-labelled sequent calculus for intuitionistic public announcement logic and classical public announcement and preference logic					
11:00-12:00 Plenary talk (12502) Dan Turetsky, True stages for computability and effective descriptive set theory					chair: Kihara
Special session on Philosophical logic (SR402)			Special session on Proof theory and RM (SR401) chair: Yokoyama		
13:30-14:10 Koji Mineshima, Language, Logic, and LLMs			13:30-14:10 Tin Lok Wong, Definable solutions to combinatorial problems		
14:20-15:00 Hanti Lin, What is inductive logic?			14:20-15:00 Yudai Suzuki, The pseudo-hierarchy method and transfinite leftmost path principle		
C8 (SR402)	chair: Leonardo Pacheco	C8 (SR401)	chair: Tin Lok Wong	C8 (SR403)	chair: Kenta Tsukuura
15:30-15:50 Akihiko Arai		15:30-15:50 Haruka Kogure		15:30-15:50 Sato Ryoichi	
15:55-16:15 Kaito Ichikura		15:55-16:15 Yuta Sato		15:55-16:15 Tristan van der Vlugt	
16:20-16:40 Mirai Ikebuchi		16:20-16:40 Kohei Tominaga		16:20-16:40 Andrés F. Uribe-Zapata	
Akihiko Arai, The isomorphism problem for ultraproducts of operator algebras in continuous model theory Kaito Ichikura, Hyperdoctrine Semantics for Subminimal First-Order Logics Mirai Ikebuchi, Homotopical methods in logic Haruka Kogure, Arithmetical completeness for some extensions of the pure logic of necessitation Yuta Sato, Uniform Lyndon interpolation for $N^+A_{m,n}$ Kohei Tominaga, Smullyan’s truth and provability Sato Ryoichi, Generalizations of the measure zero ideal modulo ideals on the natural numbers Tristan van der Vlugt, Higher Baire spaces for singular cardinals Andrés F. Uribe-Zapata, Katětov-like Pseudo-intersection Number					
16:50-17:00 Closing (SR402)					