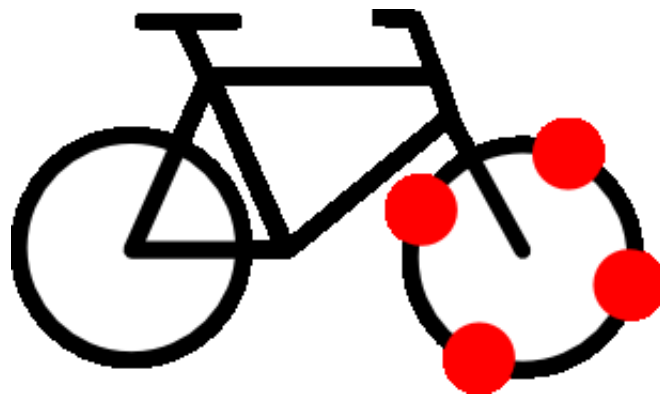


# Academic Program



## Tuesday - July 7 (Morning)

Time	Location – Title
08:30	(P016) <b>Registration</b>
10:00	(P227) <b>Opening</b>
10:15	(P227) Dana S. Scott, <i>Mixing Modality and Probability</i>
11:15	(P227) Bas Spitters, <i>A topos for algebraic quantum theory</i>
11:45	(P227) James Raftery, <i>Order algebraizable logics</i>
12:15	<b>Lunch / Registration</b>

## Tuesday - July 7 (Afternoon)

Time	Location – Title	
	P014	P016
<b>14:15</b>	A. Citkin, <i>On Meta-Logic of Intuitionistic Propositional Calculus</i>	A. Pignos, <i>Categories of Generalized Frames</i>
<b>14:40</b>	L. Esakia and B. Loewe <i>Fatal Heyting Algebras and Forcing Persistent Sentences</i>	S. Jenei <i>Structural description of a class of involutive uninorm chains via geometric insight into residuated structures</i>
<b>15:05</b>	N. Bezhanishvili and G. Bezhanishvili <i>An algebraic approach to canonical formulas: Intuitionistic case</i>	R. Horcik <i>Positive Fragment of MTL with One Variable and Its Computational Complexity</i>
<b>15:30</b>	<b>Coffee Break</b>	
<b>16:00</b>	(P227) Hajnal Andreka and Szabolcs Mikulas, <i>The equational theory of representable ordered monoids</i>	
<b>16:30</b>	<b>Break</b>	
<b>18:00</b>	<b>Reception at Agnietenkapel*</b>	

\*Located at Oudezijds Voorburgwal 231 (see page ?? for a map and information)

## Wednesday - July 8 (Morning)

Time	Location – Title	
9:00	(P227) Kazushige Terui, <i>Algebraic proof theory for substructural logics II</i>	
10:00	(P227) Chris Heunen and Bart Jacobs, <i>Quantum logic in dagger categories with kernels</i>	
10:30	<b>Coffee Break</b>	
	P014	P016
11:00	E. Marchioni <i>A Model-Theoretic Analysis of Classes of MV Algebras</i>	R. Leal and A. Kurz <i>Equational Coalgebraic Logic</i>
11:25	S. Bova <i>Combinatorics of Interpolation in Godel Logic</i>	J. Kuehr <i>Prime compatible and compatible prime deductive systems of pseudo-BCK-algebras</i>
11:50	A. J. Gil <i>On Gentzen systems associated with finite valued logics preserving degrees of truth.</i>	C. Cirstea, C. Kupke and D. Pattinson <i>Complexity of the Coalgebraic mu-calculus</i>
12:15	R. Fric <i>Simplex-valued domains</i>	T. Brengos and V. Trnkova <i>On coalgebraic class equation <math>HS=SH</math> and non-empty preimage preservation</i>
12:40	<b>Lunch</b>	
		M. Bilkova, A. Palmigiano and Y. Venema <i>Gentzen systems for coalgebraic cover modalities</i>

## Wednesday - July 8 (Afternoon)

Time	Location – Title	
	P014	P016
<b>14:15</b>	A. Romanowska, J. D. H. Smith and E. Orłowska <i>Abstract barycentric algebras</i>	D. Skvortsov <i>On an axiomatization of superintuitionistic predicate logic of Kripke frames with nested domains over the set of reals</i>
<b>14:40</b>	J. Harding, C. Walker and E. Walker <i>Varieties Generated by Truth Value Algebras of Type-2 Fuzzy Sets</i>	K. Slomczyńska <i>Free algebras for the <math>\{\leftrightarrow, \neg\}</math> fragment of IPC and KC</i>
<b>15:05</b>	A. Iorgulescu <i>The implicative-group, a term equivalent definition of the group coming from algebras of logic</i>	W. Dzik <i>Unification and slices in intermediate and in some modal logics.</i>
<b>15:30</b>	<b>Coffee Break</b>	
<b>16:00</b>	(P227) Franco Montagna and Carles Noguera, <i>Arithmetical hierarchy of fuzzy logics over rational and finite-chain semantics</i>	
<b>16:30</b>	(P227) Lutz Schröder, <i>Coalgebraic Logics</i>	
		S. Solovjovs <i>On a coalgebraic category of variety-based topological systems</i>
		A. Palmigiano <i>Stably supported quantales as models for first-order intuitionistic modal logics</i>
		R. Goldblatt <i>Cover Semantics for Quantified Lax Logic</i>

## Thursday - July 9 (Morning)

Time	Location – Title	
9:00	(P227) Ales Pultr <i>Some logical aspects of Priestley duality</i>	
10:00	(P227) Marcel Erne <i>Quasicoherent domains and hyperspectral spaces: a missing link in Stone-Priestley duality</i>	
10:30	<b>Coffee Break</b>	
	P014	P016
11:00	F. Bou, <i>The modal logic given by the class of idempotent Kripke frames over a BL chain</i>	L. M. Cabrer, <i>Two Applications of Natural Duality for Kleene Algebras</i>
11:25	J. Rachunek, <i>Monadic pseudo-BL-algebras</i>	P. Codara and V. Marra, <i>Profinite Heyting algebras, and partitions of image-finite posets under open maps</i>
11:50	R. Halas and M. Botur, <i>On copulas, non-associative basic algebras and non-associative BL-logic</i>	Y. Miyazaki, <i>Modal Logics containing KTB of finite diameter frames</i>
12:15	A. Dvurecenskij, <i>Pseudo BL-algebras and Their Decompositions</i>	Z. Kostrzycka, <i>On Kripke incomplete logics containing KTB</i>
12:40	<b>Lunch</b>	
		P017
		L. Santocanale, <i>A duality for finite lattices</i>
		D. Petrisan and M. A. Moshier, <i>A Duality Theorem for Real Commutative C* algebras</i>

## Thursday - July 9 (Afternoon)

Time	Location – Title	
	P014	P016
14:15	R. Liparteliani, <i>Projective closure MVm-algebras</i>	P. Viana and R. de Freitas, <i>Q-algebras and graph calculi</i>
14:40	D. Salounova, <i>State operators on GMV-algebras</i>	T. Litak, J. Hidders and S. Mikulas, <i>Relational Lattices: An Introduction</i>
15:05	R. Grigolia, A. Di Nola and L. Spada, <i>Lukasiewicz logic has finitary unification type</i>	R. Hirsch and M. Jackson, <i>Undecidability of various problems of representing binary relations</i>
15:30	<b>Coffee Break</b>	
16:00	(P227) Ioana Leustean and Vincenzo Marra <i>The Kakutani duality for MV-algebras</i>	
16:30	(P227) Costas Tsinakis <i>Interpolation and amalgamation in ordered algebras</i>	
17:30	<b>Conference Dinner</b>	
		P017
		G. Bezhanishvili and M. A. Moshier, <i>Proximity-based Dualities for Compact Hausdorff Spaces</i>
		S. van Gool, <i>Canonical extensions of partially ordered sets: reconstructing the lost adjunction</i>
		J. Vosmaer, <i>Broadening the topological perspective on canonical extension</i>

## Friday - July 10 (Morning)

Time	Location – Title	
9:00	(P227) Achim Jung: <i>On Domain Algebras</i>	
10:00	(P227) Peter Jipsen and M. Andrew Moshier <i>Topological Duality and Lattice Expansions Part I: A Topological Construction of Canonical Extensions</i>	
10:30	<b>Coffee Break</b>	
	P014	P016
11:00	J. Cirulis, <i>Implications in sectionally galois-complemented posets</i>	L. Uridia, <i>Algebraic semantics for modal non-monotonic logics</i>
11:25	I. Chajda and R. Halas, <i>Functional completeness of weak logics with the strict negation</i>	I. Shapirovsky, <i>Modal logics of ordered sums of frames</i>
11:50	L. Spada, <i>Small advances in the algebraic proof theory of substructural logics</i>	W. Conradie and A. Palmigiano, <i>Expanding Sahlqvist correspondence for lattice-based logics: the inductive fragment</i>
12:15	N. Galatos and P. Jipsen, <i>Cut-elimination for distributive substructural logics</i>	K. Kojima, <i>Birelational Kripke semantics for an intuitionistic LTL</i>
12:40	<b>Lunch</b>	
	P017	
		P. Jipsen and M. A. Moshier, <i>Topological Duality and Lattice Expansions Part II</i>
		R. Gruszczynski and A. Pietruszczak, <i>On Grzegorzczak's pointless topology. Atomic structures</i>
		M. Demirci, <i>An introduction to <math>(\mathcal{Z}_1, \mathcal{Z}_2)</math>-complete posets</i>
		A. Pulgarin and M. Husek, <i>Lattice-ordered groups of real continuous functions</i>

## Friday - July 10 (Afternoon)

Time	Location – Title	
	P014	P016
<b>14:15</b>	R. Kontchakov, I. Pratt-Hartmann and M. Zakharyashev, <i>Topological logics over Euclidean spaces</i>	D. Petrisan and A. Kurz, <i>Towards Universal Algebra over Nominal Sets</i>
<b>14:40</b>	S. G. da Silva, <i>A topological statement related to the Principle of Dependent Choices</i>	L. Olde Loohuis and Y. Venema, <i>Algebras for multi-player logic</i>
<b>15:05</b>	D. Fernandez, <i>Dynamic Topological Logic of Minimal and Compact Spaces</i>	Petr Cintula and Carles Noguera, <i>First-order (semilinear) implicational logics</i>
<b>15:30</b>	<b>Coffee Break</b>	
<b>16:00</b>	(P227) Wojciech Buszkowski and Lin Zhe <i>Letter Promotion Problem in Pregroups</i>	
<b>16:30</b>	(P227) Martin Hyland <i>Multicategories in and around algebra and logic</i>	

## Saturday - July 11

Time	Location	Title
9:00	P227	Paul-Andre Mellies <i>Logical proofs as topological knots</i>
10:00	P227	Benno van den Berg <i>Homotopy-theoretic models of type theory</i>
10:30		Coffee Break
11:00	P227	Ieke Moerdijk <i>Topological constructions and derived rules</i>
12:00		Break
12:30		Excursion