

Monday 20

Sala Pedro Nunes		Sala 17 de Abril		Sala 2.4	
09:30	From $\{0,1\}$ to $[0,1]$: A survey of duality theorems Vincenzo Marra	09:30		09:30	
10:30	Coffee Break	10:30	Coffee Break	10:30	Coffee Break
11:00	On relative principal congruences in term quasivarieties Hernan San Martín	11:00	Sums of Kripke frames and locally finite modal logics Ilya Shapirovsky	11:00	On the concept of Algebraic Crystallography Dominique Bourn
11:30	Epimorphisms in varieties of De Morgan monoids Johann J. Wannenburg	11:30	Modality in worlds with different logics Alfredo Roque Freire	11:30	Remarks on enriched protomodularity Diana Rodelo
12:00	Cohomological refinements of k-consistency and k-equivalence Samson Abramsky	12:00	Probability via logic: semantic analysis and proof theory Apostolos Tzimoulis	12:00	Kan-injectivity and KZ-doctrines Lurdes Sousa
12:30	LUNCH	12:30	LUNCH	12:30	LUNCH
14:30	The topological μ -calculus David Fernández-Duque	14:30		14:30	
15:30	Hausdorff polynomial functors Jiří Adámek	15:30	(A bit more) abstract Lindenbaum lemma Petr Cintula	15:30	Advantages and challenges posed by Pnmatrices Sérgio Marcelino
16:00	Coffee Break	16:00	Coffee Break	16:00	Coffee Break
16:30	Visit to UC Old Campus	16:30	Visit to UC Old Campus	16:30	Visit to UC Old Campus

Tuesday 21

Sala Pedro Nunes		Sala 17 de Abril		Sala 2.4	
09:00	Two-layered Belnapian logics for uncertainty Marta Bílková	09:00		09:00	
10:00	Transfer theorems for finitely subdirectly irreducible algebras George Metcalfe	10:00	Admissibility of Π_2 -Inference Rules: interpolation, model completion, and contact algebras Luca Carai	10:00	Filtral pretoposes and compact Hausdorff locales Panagis Karazeris
10:30	Coffee Break	10:30	Coffee Break	10:30	Coffee Break
11:00	Baker-Beynon duality beyond finite presentations Serafina Lapenta	11:00	Sahlqvist correspondence for deductive systems Damiano Fornasiero	11:00	Abstracting sheafification as a tripos-to-topos adjunction Davide Trotta
11:30	The coordinatization of the spectra of ℓ -groups Luca Spada	11:30	Translational embeddings via stable canonical rules Antonio Maria Cleani	11:30	Central elements and the Gaeta topos: An algebraic and functorial overview on coextensive varieties William Javier Zuluaga Botero
12:00	Preserving joins at primes Sam van Gool	12:00	Hereditary structural completeness over K_4 James Carr	12:00	The small index property of the Fraïssé limit of finite Heyting algebras Kentarō Yamamoto
12:30	LUNCH	12:30	LUNCH	12:30	LUNCH
14:30	Noetherian Spaces, $Wqos$, and their Statures Jean Goubault-Larrecq	14:30		14:30	
15:30	Difference-restriction algebras of partial functions: axiomatizations and representations Célia Borlido	15:30	Duality, unification, and admissibility in the positive fragment of Lukasiewicz logic Sara Ugolini	15:30	Internal factorisation systems Sanjiv Ranchod
16:00	Coffee Break	16:00	Coffee Break	16:00	Coffee Break
16:30	Difference-restriction algebras of partial functions with operators: discrete duality and completion Brett McLean	16:30	Lukasiewicz logic properly displayed Giuseppe Greco	16:30	The Monotone-Light Factorization for 2-categories via 2-preorders João Xarez
17:00	Modal logic over semi-primal algebras Wolfgang Poiger	17:00	Algebraizable weak logics Davide Emilio Quadrellaro	17:00	Lifting of monotone-light factorizations Rui Prezado

Wednesday 22

Sala Pedro Nunes		Sala 17 de Abril		Sala 2.4	
09:00	Why didn't locale-theorists discover DeMorganization? Peter Johnstone	09:00		09:00	
10:00	Presenting quotient locales Graham Manuell	10:00	Contextuality in logical form: Duality for transitive partial CABAs Rui Soares Barbosa	10:00	Universality of the self indexing of a finitely complete category and of its monoidal generalisation Matthew Di Meglio
10:30	Coffee Break	10:30	Coffee Break	10:30	Coffee Break
11:00	Generalized subspaces in the duality of TD-spaces Igor Arrieta	11:00	Subordination algebras as semantic environment of input/output logic Xiaolong Wang	11:00	Unitless Frobenius quantales Luigi Santocanale
11:30	Sublocales of the frame of fitted sublocales Anna Laura Suarez	11:30	Interrogative agendas, categorization, and decision-making Krishna Manoorkar	11:30	Frobenius structures in autonomous categories Cédric De Lacroix
12:00	Some topological considerations on orthogonality Saul Fernandez Gonzalez	12:00	Combination of quantifier-free uniform interpolants using Beth definability (abridged version) Alessandro Gianola	12:00	Torsion theories and coverings of preordered groups Aline Michel
12:30	LUNCH	12:30	LUNCH	12:30	LUNCH
14:30	Excursion	14:30	Excursion	14:30	Excursion

Thursday 23

Sala Pedro Nunes		Sala 17 de Abril		Sala 2.4	
09:00	Dependence logic and team semantics Fan Yang	09:00		09:00	
10:00	Lattice-ordered groups via distributive lattice-ordered monoids Nikolaos Galatos	10:00	Algebraizability as an algebraic structure Peter Arndt	10:00	Initiating descent theory for closure spaces Manuela Sobral
10:30	Coffee Break	10:30	Coffee Break	10:30	Coffee Break
11:00	From residuated lattices to ℓ -groups via free nuclear preimages Adam Přenosil	11:00	Modal reduction principles across relational semantics Mattia Panettiere	11:00	Are finite affine topological spaces worthy of study? Sergejs Solovjovs
11:30	Semilinear idempotent distributive ℓ -monoids Simon Santachi	11:30	Uniform Lyndon interpolation for basic non-normal modal and conditional logics Raheleh Jalali	11:30	On presheaf submonads of quantale enriched categories Carlos Fitas
12:00	Projective unification through duality Quentin Gougeon	12:00	Graded modal logic with a single modality Apostolos Tzimoulis	12:00	On the double category of coalgebras Dirk Hofmann
12:30	LUNCH	12:30	LUNCH	12:30	LUNCH
14:30	General and standard modal fuzzy logics Amanda Vidal	14:30		14:30	
15:30	Free weak ω -categories as an inductive type Ioannis Markakis	15:30	Lambek-Grishin calculus: focusing, display and full polarization Giuseppe Greco	15:30	Farness via Galois adjunctions and a separation theorem for uniform frames Ana Belén Avilez
16:00	Coffee Break	16:00	Coffee Break	16:00	Coffee Break
16:30	Associativity in Quantum Logic Gavin St. John	16:30	Unified inverse correspondence for DLE-logics Mattia Panettiere	16:30	Locally non-separating sublocales and Peano compactifications Cerene Rathilal
17:00	Quantum logics as algebras for monads Gejza Jenca	17:00	Algorithmic correspondence and analytic rules for (D)LE logics Andrea De Domenico	17:00	A representation theorem for a system of point-free geometry Rafał Gruszczyński

Friday 24

Sala Pedro Nunes		Sala 17 de Abril		Sala 2.4	
09:00	The topological behaviour category of an algebraic theory Richard Garner	09:00		09:00	
10:00	On varieties of residuated po-magmas and the structure of finite ipo-semilattices Peter Jipsen	10:00	Hofmann-Mislove through the lenses of Priestley Sebastian Melzer	10:00	The dependence-problem in varieties of modal semilattices Naomi Tokuda
10:30	Coffee Break	10:30	Coffee Break	10:30	Coffee Break
11:00	Projectivity in (bounded) commutative integral residuated lattices Paolo Aglianó	11:00	Twist-structures isomorphic to modal Nelson Lattices Paula Menchón	11:00	First order doctrines as bipresentable 2-categories Axel Osmond
11:30	The structure of totally ordered idempotent residuated lattices Wesley Fussner	11:30	Non-distributive logics as evidential logics Andrea De Domenico	11:30	Deduction via 2-category theory Greta Coraglia
12:00	Regular algebras over semimonads Ülo Reimaa	12:00	One-sorted program algebras Igor Sedlar	12:00	Elementary fibrations and groupoids Jacopo Emmenegger
12:30	LUNCH	12:30	LUNCH	12:30	LUNCH
14:30	Dualities from categorical first principles Eli Hazel	14:30	Comparison of tabular intermediate logics Adam Mata	14:30	A pronilpotent look at maximal subgroups of free profinite monoids Herman Goulet-Ouellet
15:00	An approach à la de Vries to compact Hausdorff spaces and closed relations Marco Abbadini	15:00	A Gödel-type translation for non-distributive logics Apostolos Tzimoulis	15:00	Equidivisibility and profinite coproduct Alfredo Costa
15:30	Regular categories and soft sheaf representations Luca Reggio	15:30	Syntactic completeness of proper display calculi Giuseppe Greco	15:30	An algebraic theory of clones Antonino Salibra
16:00	Coffee Break	16:00	Coffee Break	16:00	Coffee Break
16:30	Spectra and subspectra arising from ℓ -groups and commutative rings Friedrich Wehrung	16:30		16:30	