

FROM 2022  
Alexandru Ioan Cuza University  
Faculty of Computer Science  
Building: C, Room C309 (first floor)

	TUE September 20th	WED September 21st	THU September 22nd	FRI September 23rd
8:00	Registration			
8:30	Opening (08:40)			
9:00	Invited Talk: Dorel Lucanu	Invited Talk: Marie Kerjean	Invited Talk: Anupam Das	Session 7 (2 talks)
9:30				
10:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break
10:30				
11:00	Session 1 (3 talks)	Tutorial: Sonia Marin	Tutorial: Marija Slavkovik	Tutorial: Gabriel Ciobanu
11:30				
12:00	Lunch			
12:30				
13:00				
13:30				
14:00				
14:30	Session 2 (3 talks)	Session 4 (3 talks)	Session 5 (3 talks)	Session 8 (3 talks)
15:00				
15:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break
16:00	Invited Industry Talk: Dragoş Gavriluţ	Invited Talk: Francesca Poggiolesi	Session 6 (3 talks)	Session 9 (3 talks)
16:30				
17:00	Session 3 (2 talks)			Closing
17:30				
18:00	Guided City Tour (17h30 - 19h30)			
18:30				
19:00	19h00: Dinner (Berăria Veche)			
19:30				
20:00				

Session 1 (chair: Dorel Lucanu)	Bogdan Aman and Gabriel Ciobanu . Interval Probability for Sessions Types Vít Šefl and Tomáš Svoboda . Additive Types in Quantitative Type Theory Dominik Wehr and Dominik Kirst . Material Dialogues for First-Order Logic in Constructive Type Theory
Session 2 (chair: Gabriel Ciobanu)	Zhiguang Zhao . Correspondence Theory for Generalized Modal Algebras Leonardo Pacheco and Kazuyuki Tanaka . The Alternation Hierarchy of the $\mu$ -calculus over Weakly Transitive Frames Igor Sedlar and Jamie Wannenburg . Embedding Kozen-Tiuryn logic into residuated one-sorted Kleene algebra with tests
Session 3 (chair: Bogdan Aman)	Xiaoyang Wang and Yanjing Wang . Tense Logics over Lattices Hans van Ditmarsch and Malvin Gattinger . The Limits to Gossip: Second-order Shared Knowledge of all Secrets is Unsatisfiable
Session 4 (chair: Marie Kerjean)	Tomoyuki Yamakami . Expressing Power of Elementary Quantum Recursion Schemes for Quantum Logarithmic-Time Computability Pierre Ludmann , Sylvain Pogodalla and Philippe de Groote . Multityped Abstract Categorical Grammars and Their Composition Pietro Galliani. Strongly First Order, Domain Independent Dependencies: the Union-Closed Case
Session 5 (chair: Anupam Das)	Xinghan Liu and Emiliano Lorini . A Logic of "Black Box" Classifier Systems Rustam Galimullin , Mina Young Pedersen and Marija Slavkovik . Logic of Visibility in Social Networks

Andrea De Domenico, Ali Farjami, Krishna Balajirao Manoorkar, Alessandra Palmigiano , Mattia Panettiere and Xiaolong Wang . Subordination Algebras as Semantic Environment of Input/Output Logic

Session 6  
(chair: Anupam Das)

Roberto Maieli . A proof of the Focusing Theorem via MALL proof nets  
Giti Omidvar and Lutz Straßburger . Combinatorial Flows as Bicolored Atomic Flows  
Bahareh Afshari and Dominik Wehr . Abstract Cyclic Proofs

Session 7  
(chair: Sonia Marin)

Tiziano Dalmonte, Charles Grellois and Nicola Olivetti . Towards an Intuitionistic deontic logic tolerating conflicting obligation  
Carlos Areces, Valentin Cassano and Raul Fervari . Non-monotonic Reasoning via Dynamic Consequence

Session 8  
(chair: Roberto Maieli)

Bartosz Bednarczyk and Oskar Fiuk . Presburger Büchi Tree Automata With Applications To Logics With Expressive Counting  
Sam Sanders . On the computational properties of the uncountability of  $\mathbb{R}$   
Amirhossein Akbar Tabatabai. Mining the Surface: Witnessing the Low Complexity Theorems of Arithmetic

Session 9  
(chair: Roberto Maieli)

Juan Aguilera , Martín Diéguez, David Fernández-Duque and Brett McLean . Time and Gödel: Fuzzy temporal reasoning in PSPACE  
David Fernández-Duque and Quentin Gougeon . Fixed Point Logics and Definable Topological Properties  
Naosuke Matsuda and Kento Takagi . What Kinds of Connectives Cause the Difference between Intuitionistic Predicate Logic and the Logic of Constant Domains?