

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	
8:30	Registration				
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	Session 1 (3 talks)	Tutorial: Sonia Marin	Tutorial: Marija Slavkovik	Tutorial: Gabriel Ciobanu	
11:00					
11:30					
12:00					
12:30					
13:00					
13:30					
14:00	Session 2 (3 talks)	Session 4 (3 talks)	Session 5 (3 talks)	Session 8 (3 talks)	
14:30					
15:00					
15:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break	
16:00	Invited Talk: John Horty	Invited Talk: Francesca Poggiolesi	Session 6 (3 talks)	Session 9 (3 talks)	
16:30					
17:00	Session 3 (2 talks)	Guided City Tour (tentative, 2h)	Closing Remarks		
17:30					
18:00					
18:30					
19:00					
19:30			Dinner (tentative, to be confirmed)		
20:00					

- Session 1      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      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      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      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      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      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      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      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
- Sesssion 9      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?