

Logic and Applications – LAP 2020

Formal Reasoning and Semantics - FORMALS 2020

Dubrovnik, Croatia, 21-25/9/2020

Preliminary programme

Monday, 21/9/2020

15:30-16:00	Gathering
16:00-16:30	Zvonimir Šikić <i>Rules of thumb for test results</i>
16:30-17:00	Sara Negri, Edi Pavlović <i>A proof-theoretic approach to formal epistemology</i>
17:00-17:15	Coffee break
17:15-17:45	Thomas Studer <i>A modal logic formalization of controlled query evaluation</i>
17:45-18:15	Matteo Tesi <i>Neighborhood semantics and proof theory for infinitary intuitionistic logic</i>
18:15-18:45	Vedran Čačić <i>Universal frames for GL and IL</i>

Tuesday, 22/9/2020

10:00-10:30	Luka Mikec, Joost J. Joosten, Mladen Vuković (FORMALS) <i>On ILWR-frames</i>
10:30-11:00	Sebastijan Horvat (FORMALS) <i>Smart labels in proofs of completeness of interpretability logics</i>
11:15-11:30	Coffee break
11:30-12:00	Aleksandar Hatzivelkos (FORMALS) <i>Axiomatic modelling of notion of compromise in social choice theory</i>
12:00-12:30	Marcel Maretić (FORMALS) <i>A survey of online exam proctoring</i>
12:30-16:00	

16:00-16:30	Andre Ščedrov <i>Soft Subexponentials and Multiplexing</i>
16:30-17:00	Sara Negri, Eugenio Orlandelli <i>Constructive cut elimination in geometric logic</i>
17:00-17:15	Coffee break
17:15-17:45	Melanija Mitrović, Mahouton Norbert Hounkonnou, Marian Alexandru Baroni <i>Constructive HMR-order theory for semigroups with apartness</i>
17:45-18:15	Peter Schuster, Daniel Wessel <i>Resolving finite indeterminacy</i>
18:15-18:35	Tamara Stefanović, Silvia Ghilezan <i>An Overview of Mathematical Models for Data Privacy</i>

Wednesday, 23/9/2020

9:00-9:30	Duško Pavlović <i>Recent advances in logics of lying</i>
9:30-10:00	Abraão Aires Urquiza, Musab A. Al Turki, Max Kanovich, Tajana Ban Kirigin , Vivek Nigam, Andre Scedrov, Carolyn Talcott <i>Modelling Resource and Timing Aspects of Security Protocols</i>
10:00-10:15	Coffee break
10:15-10:45	Pavle Subotic <i>The Evolution of Logic-based Static Analysis</i>
10:45-11:15	Matthaios Bournazos <i>Beyond Geometric Validity - Two levels of relative validity</i>
11:15-11:35	Šejla Dautović, Dragan Doder, Zoran Ognjanović <i>Logical formalization of Bayesian concepts of confirmation</i>
11:35-11:55	Simona Kašterović, Silvia Ghilezan <i>Kripke-style semantics for Full Simply Typed Lambda Calculus</i>
11:55-12:25	Aslanbek Naziev <i>On independence of conditions in the definition of a linear map</i>
12:25-16:00	

16:00-16:30	Vivek Nigam (FORMALS) <i>Incremental automated safety and security reasoning with patterns</i>
16:30-17:00	Benedikt Perak, Tajana Ban Kirigin (FORMALS) <i>ConGraCNet 0.3: Corpus-based graph syntactic-semantic relations analysis</i>
17:00-17:15	Coffee break
17:15-17:45	Slobodan Jelić (FORMALS) <i>Multi-valued logic in M-system theory</i>
17:45-18:15	Ludovica Conti (FORMALS) <i>A model for a free way out of Russell's Paradox</i>
18:15	CLOSING