Logic and Applications – LAP 2017

Dubrovnik, Croatia, 18-22/9/2017

Preliminary programme

Monday, 18/9/2017

16:00-16:30	**Gathering**
16:30–17:30	**Silvia Ghilezan:** *Sound and complete subtyping on intersection and union types*
17:300-18:00	**Coffee break**
18:00-19:00	**Zvonko Iljazović, Lucija Validžić:** *Starlike neighbourhoods and computability*

Tuesday, 19/9/2017

10:00–11:00	**Zena M. Ariola:** *Sequent calculus as a programming language*
11:00-11:30	**Coffee break**
11:30-12:00	**Nenad Savić:** *Towards Relevant Justifcations (ongoing work)*
12:00-12:30	**Angelina Ilić Stepić:** *A Probability Logic for Reasoning About Quantum Observations*
12:30-16:00	
16:00-17:00	**Luka Mikec, Tin Perkov, Mladen Vuković:** *Decidability and Complexity of Some Interpretability Logics*
17:00-17:30	**Coffee break**
17:30-18:00	**Simona Kašterović:** *Probabilistic reasoning with lambda terms(ongoing work)*
18:00-19:00	***LAP steering committee meeting***

Wednesday, 20/9/2017

10:00–11:00	**Dale Miller:** *A Proof Theory for Model Checking: An Abstract*
11:00-11:30	**Coffee break**
11:30-12:30	**Paola Glavan:** *Proving Properties of Peer-to-Peer Protocols using ASMs Formalism -* *An Overview*
12:30-16:00	
16:00-17:00	**Zvonimir Šikić:** *What is logical consequence*
17:00-17:30	**Coffee break**
17:30-18:00	**Tajana Ban Kirigin:** *Dense Time Multiset Rewriting Model in theVerification of Time-Sensitive* *Distributed Systems*
18:00-18:30	**Marcilio O. O. Lemos:** *On the Accuracy of Formal Verifcation of Selective Defenses for TDoS Attacks*
20:00-23:00	**Conference dinner**

Thursday, 21/9/2017

09:00-10:00	**Andre Scedrov:** *Lambek Calculus with Bracket Modalities and Subexponentials*
10:00-10:30	**Coffee break**
10:30-11:00	**Aleksandra Arsić:** *Secure channel coding scheme based on LDPC codes over the BEC*
11:00-11:30	**Dragiša Žunić:** *Standard classical logic as protocol for process communication*
11:30-12:00	**Dušan Gajić:** *On the Computational Complexity of the Discrete Pascal Transform*
12:00-12:30	***Round table discussion***
	Free afternoon

Friday, 22/9/2017

10:00–11:00	**Melanija Mitrović:** *Constructive Semigroups with Apartness: Foundations of the Order Theory*
11:00–11:30	**Marija Boričić:** *Deduction rules for probabilized formula*
11:30–12:00	**Dragan Doder:** *A probabilistic temporal logic with countable additive semantics*
12:00–12:30	**Coffee break**
	Closing