

WORKING FORMAL METHODS SYMPOSIUM FROM 2017

University of Bucharest • July 5-8, 2017 • Bucharest, Romania

Wednesday, July 5, 2017		
10:00 - 10:45	<i>Registration</i>	
10:45 - 11:00	<i>Opening</i>	
11:00 - 11:50	Ion Petre	Network controllability: theory and applications
11:50 - 12:10	<i>Coffee break</i>	
12:10 - 13:00	Florentin Ipate	System Modelling, Validation and Testing using Kernel P Systems
13:00 - 15:00	<i>Lunch break</i>	
15:00 - 15:50	Radu Grosu	Parking with a Worm's Brain
15:50 - 16:00	<i>Coffee break</i>	
16:00 - 16:50	Gabriel Ciobanu	Scheduled Migration in Distributed Systems
16:50 - 17:20	Bogdan Aman	Multiparty Session Types for Mobility

Thursday, July 6, 2017		
09:30 - 10:20	Gabriel Sandu	Independence-friendly logic (IF-logic) and applications
10:20 - 10:40	<i>Coffee break</i>	
10:40 - 11:30	Daniel Găina	Specification and Verification of Invariant Properties of Transitional Systems
11:30 - 12:00	Ionuț Țuțu	A hybrid-logic approach to dynamic networks of interactions
12:00 - 12:30	Adriana Bălan	A Multi-Valued Framework for Coalgebraic Logics over Generalised Metric Spaces
12:30 - 14:30	<i>Lunch break</i>	
14:30 - 15:20	Gabriel Istrate	Proof Complexity and Satisfiability Solving for several Combinatorial Principles
15:20 - 15:40	<i>Coffee break</i>	
	PhD Session	
14:30 - 15:20	Claudia Chiriță	A Formal Approach to Computational Creativity
16:10 - 16:30	Andrei Sipoș	Representable functions in Moisil logic
16:30 - 16:50	Vlad Crăciun	Automated analysis of possible malware applications
16:50 - 17:10	Ana Țurlea	A Two Steps Test Suite Generation Approach based on Extended Finite State Machines

Friday, July 7, 2017		
09:30 - 10:20	Marius Minea	Building Models for Verification of Security Properties
10:20 - 10:40	<i>Coffee break</i>	
10:40 - 11:30	Cezara Drăgoi	Partially synchronous programming abstractions for fault-tolerant distributed algorithms
11:30 - 12:20	Florin Crăciun	A Session Logic for Communication Protocols
12:20 - 14:00	<i>Lunch break</i>	
14:00 - 14:50	Răzvan Diaconescu	Mathematical foundations for conceptual blending
14:50 - 15:40	Alexandru Baltag	Knowing Correlations
15:40 - 15:50	<i>Coffee break</i>	
15:50 - 16:40	Andrei Popescu	Proof Assistants as Smart Programming Languages

Saturday, July 8, 2017		
09:30 - 10:20	Grigore Roșu/ Traian Șerbănuță	Matching Logic: Syntax and Semantics
10:20 - 10:40	<i>Coffee break</i>	
10:40 - 11:30	Vlad Rusu	Proving Partial Correctness Beyond Programs
11:30 - 12:20	Ștefan Ciobăcă	Proving Reachability Modulo Theories
12:20 - 13:00	<i>Discussions</i>	

Organized by the Research Institute of the University of Bucharest (ICUB), the Faculty of Mathematics and Computer Science of the University of Bucharest and the Faculty of Computer Science of the "Alexandru Ioan Cuza" University of Iași.