

	Wednesday, December 19, 2018	
09:30	Registration	
10:15	Opening Talk	
	Petros Stefaneas (NTUA)	Research Trends and Open Problems in the Formalization of Computer Ethics
10:30	Session 1: Robotics, Ethics, Rules and Formal Methods	
	Sofia Almpani (NTUA)	A Rule-Based Model for Compliance of Medical Devices Applied to the European Market
	Dimitris Alimisis (EDUMOTIVA)	Education in Robotics and Education with Robotics: The INBOTS Project
	Maria Dimarogkona (NTUA)	Ethics of Algorithms and Formal Methods
	Dimitris Zafeirakopoulos (NTUA)	Deontic Logic and Robot Ethics
12:00 – 14:00	Lunch Time	
14:00	Keynote Speaker	
	Harold Boley (UNB)	PSOA RuleML Explained with Blockchain Examples: Grailog Visualizations, Herbrand Models, and PSOATransRun Queries
14:45	Break	
15:00	Session 2: PSOA RuleML and Applications	
	Lukas Graetz (Leipzig University)	PSOA Prova: PSOA Translation of Pure Production Rules to the Prova Engine
	Theodoros Mitsikas (NTUA)	Formalizing Air Traffic Control Regulations in PSOA RuleML
	Iakovos Ouranos (HAA)	On the formalization of the Airport domain
16:00	Break	
16:15	Session 3: Argumentation and Applications	
	Nikos Spanoudakis (Technical Un. Crete)	Smart Contracts and Argumentation
	Nikos Asimakis and Yannis Kioyvrekis (NTUA)	Gorgias and the Selection of Statistical Methodologies
	Antonis Kakas (University of Cyprus)	Title to be confirmed
	Ioannis Vandoulakis (Greek Open University)	The convolution of argumentation and proving in searching for mathematical proof
17:45	Break	
18:00	Session 4: Applications of Formal Methods	
	Georgios Pitsiladis (NTUA)	Privacy Calculus in Maude
	Kostas Barlas (University of West Attika)	Formalizing a Web Standard's Requirements: RSS v2.0
	Nikos Triantafyllou (NTUA & U Aegean)	Blockchain & CafeObj
	Katerina Ksysra (NTUA & U Aegean)	Reactive Rules and Applications

19:30	Break	
19:45	Petros Kavassalis (U Aegean)	Closing talk and discussion
Thursday, December 20, 2018		
10:00 - 12:00	Session	
	Asterios Gantzounis (NTUA)	Zero knowledge proofs
	Yannis Kioyvrekis (NTUA)	Open Questions for Blockchain
	Nick Bassiliades (Aristotle University of Thessaloniki)	SWRL2SPIN: A tool for translating SWRL rules to SPIN rules.
12:00 – 14:00	Lunch Time	
14:00	Round table discussion	