

SYNASC 2017: LIST of PAPERS ACCEPTED for PRESENTATION

#	Track name	Title	Authors
2	Artificial Intelligence	Convolutional Neural Networks for Sentiment Classification on Business Reviews	Andreea Salinca
4	Distributed Computing	Ensuring Domain Consistency in an Adaptive Framework with Distributed Topology for Fluid Flow Simulations	Christoph Ertl, Ralf-Peter Mundani and Ernst Rank
6	Numerical Computing	Constructive realizable wavelet-like systems based on multi-windows spline-type spaces	Darian Onchis and Simone Zappalà
7	Artificial Intelligence	Jaccard-like fuzzy distances for computational linguistics	Laura Franzoi
8	Logic and Programming	A Test Suite Generation Approach based on EFSMs using a multi-objective algorithm	Ana Turlea, Florentin Ipate and Raluca Lefticaru
9	Artificial Intelligence	[POSTER] WARP: Efficient Automatic Web Service Composition	Diac Paul
10	Symbolic Computation	Inverse of the Gamma function	Komla Amenyo Folitse, David Jeffrey and R Corless
13	Logic and Programming	Deciding and Interpolating Algebraic Data Types by Reduction	Hossein Hojjat and Philipp Rueemmer
16	Numerical Computing	Existence of Gaps on the Path of Equilibriums in Case of Longitudinal Flight with Constant Forward Velocity	Agneta Balint and Stefan Balint
17	Symbolic Computation	Maximal Radius for Stability Regions of Explicit Runge Kutta Methods by Real Quantifier Elimination	Robert Vajda
18	Advances in the Theory of Computing	Solving 2-D Pattern Matching using Networks of Polarized Picture Processors With Circular Permutation	Stefan Popescu
19	Logic and Programming	A Certified Procedure for RL verification	Andrei Arusoai, David Nowak, Vlad Rusu and Dorel Lucanu
23	Artificial Intelligence	Machine learning based malware detection. How to balance memory footprint with model accuracy.	Dragos Teodor Gavrilit, Dan Gabriel Anton and George Popoiu
30	Symbolic Computation	Resolving zero-divisors using Hensel lifting	John Kluesner and Michael Monagan
31	Logic and Programming	A Comparison of Static Analysis Tools for Vulnerability Detection in C/C++ Code	Andrei Arusoai, Stefan Ciobaca, Vlad Craciun, Dragos Gavrilit and Dorel Lucanu
33	Artificial Intelligence	Outliers detection in analysis of cognitive emotion regulation questionnaire for teenagers	Adriana M. Coroiu
38	Logic and Programming	System Description: Statistical Parsing of Informalized Mizar Formulas	Cezary Kaliszyk, Josef Urban and Jiri Vyskocil
39	Logic and Programming	Towards a Clausal Analysis of Proof Schemata	David Cerna and Michael Lettmann
41	Artificial Intelligence	A Boolean Approach for Detection of Frequent Items	Dan Simovici, Roman Sizov and Selim Mimaroglu

43	Distributed Computing	A data aggregation strategy based on Wavelet for the Internet of Things	Andrea De Salve, Barbara Guidi and Laura Ricci
44	Artificial Intelligence	Bandwidths Optimization on Sparse Matrices Using Brain Storm Optimization	Liviu Octavian Maftciu-Scai, Emanuela Maftciu-Scai and Teodora Voina
46	Logic and Programming	VIAP - Automated System for Verifying Integer Assignment Programs with Loops	Pritom Rajkhowa and Fangzhen Lin
47	Artificial Intelligence	Improving Lost/Won Classification in CRM Systems Using Sentiment Analysis	Doru Rotovei and Viorel Negru
48	Symbolic Computation	Simple Relation Between the Lowest-order Element of Ideal $\langle G, H \rangle$ and the Last Element of Polynomial	Tateaki Sasaki and Daiju Inaba
49	Numerical Computing	Effective construction of convex hull algorithms	Peter Mitura, Ivan Simecek and Ivan Kotenkov
50	Distributed Computing	Abstract Continuation Semantics for Asynchronous Concurrency	Gabriel Ciobanu and Eneia Nicolae Todoran
51	Artificial Intelligence	A hierarchical clustering-based approach for software restructuring at the package level	Zsuzsanna Marian, Istvan Gergely Czibula and Gabriela Czibula
52	Artificial Intelligence	Identifying Socio-Cognitive Structures in Online Knowledge Building Communities using Cohesion Network Analysis	Nicolae Nistor, Marilena Panaite, Mihai Dascalu and Stefan Trausan-Matu
53	Artificial Intelligence	ReaderBench: Building Comprehensive Sociograms of Online Communities	Maria-Dorinela Sirbu, Marilena Panaite, Ana Secui, Mihai Dascalu, Nicolae Nistor and Stefan Trausan-Matu
56	Artificial Intelligence	Topic modeling using contextual cues	Ciprian-Octavian Truică, Elena Apostol and Catalin Leordeanu
57	Symbolic Computation	Rational orthonormal matrices	David J. Jeffrey and Nasir Khattak
58	Distributed Computing	Measuring and Visualizing the Scrappiness Level of a Website	Darius Bufnea and Diana Őotropa
59	Artificial Intelligence	RoEmoLex - a Tool for Emotion Analysis of Romanian texts	Mihaiela Lupea and Anamaria Briciu
60	Numerical Computing	Parametric study of the accuracy of an approximate solution for the mild-slope equation	Pierrick Quemar, Emmanuel Audusse, Olivier Lafitte, Benjamin Mélinand, Agnès Leroy and Chi-Tuân Pham
62	Numerical Computing	A total variation diminishing Hopmoc scheme for numerical time integration of evolutionary differential equations	Diego Brandão, Mauricio Kischinhevsky, Sanderson Gonzaga de Oliveira, Carla Osthoff and Frederico Cabral
63	Symbolic Computation	(Short paper) Toward non-flat geometrical origami folds with Eos system	Fadoua Ghourabi
64	Distributed Computing	Road Traffic Segments Characterization	Raul Suditu, Cristian Babau, Marius Marcu and Vladimir-Ioan Cretu

67	Artificial Intelligence	An unsupervised learning based conceptual coupling measure	Diana Miholca, Gabriela Czibula, Zsuzsanna Marian and Istvan Gergely Czibula
68	Distributed Computing	An Approach to Performance Evaluation Programming	Enea Nicolae Todoran
70	Logic and Programming	Validating Back-links in FOL _{ID} Cyclic Proofs	Sorin Stratulat
71	Artificial Intelligence	MultiNetCom an extended framework for communities detection in multi-relational networks	Ramona Stoica and Bazil Parv
72	Artificial Intelligence	Automated Negotiation Strategies Prediction in Multi-Agent Systems	Lavinia-Stefania Sirbu and Serban Radu
73	Artificial Intelligence	Driver Behavior Prediction using Unsupervised Semiotic Modeling in Sparse Data Situations	Radu Marginean and Anca Marginean
74	Artificial Intelligence	Defect Detection in Porcelain Industry based on Deep Learning Techniques	Adriana Birlutiu, Adrian Burlacu, Manuella Kadar and Daniela Onita
75	Artificial Intelligence	Practical aspects related to using Hidden Markov Models for detecting metamorphic file infectors	Doina Cosovan and Catalin Valeriu Lita
76	Logic and Programming	Formalization and closedness of finite dimensional subspaces	Florian Faissole
77	Symbolic Computation	Fast Matrix Operations in Computer Algebra	Zak Tonks, Gregory Sankaran and James H. Davenport
78	Numerical Computing	An SDP-based method for the real radical ideal membership test	Fei Wang, Greg Reid and Henry Wolkowicz
79	Artificial Intelligence	Learning to Maximize Return in a Stag Hunt Collaborative Scenario through Deep Reinforcement Learning	Andrei Cristian Nica, Tudor Berariu, Florin Gogianu and Adina Magda Florea