

List of publications

- Mihai Lica Pura -

1	Aciobanitei Iulian, Urian Paul Danut, Mihai-Lica Pura, "Learned Lessons from Implementing an Android Client for the Cloud Signature Consortium API", 12th International Conference on Security for Information Technology and Communications (SecITC 2019), Bucharest, Romania, November 14-15, 2019
2	Petrică-Daniel Stoica, Ștefan-Adrian Toma, Marian Ceaparu, Mihai-Lică Pura, "Spoken Language Detection Experiments for Romanian", 10th Conference on Speech Technology and Human-Computer Dialogue (SpeD 2019), Timișoara, Romania, October 10-12, 2019
3	Andrei Marius Avram, Mihai-Lica Pura, Ștefan-Adrian Toma, "Tiny Network Intrusion Detection System with High Performance", 11th International Conference on Electronics, Computers and Artificial Intelligence – ECAI'2019, Pitesti, Romania, 27-29 June, 2019
4	Andreea Scurtu, Mihai-Lica Pura, "Web GUI for Automating the Formal Verification of Security Protocols using Casper&FDR4", 11th International Conference on Electronics, Computers and Artificial Intelligence – ECAI'2019, Pitesti, Romania, 27-29 June, 2019
5	Ștefan-Adrian Toma, Sebacher Bogdan, Adrian Focșa, Mihai-Lică Pura, "On Anomalous Deformation Profile Detection Through Supervized and Unsupervised Machine Learning", 2019 IEEE International Geoscience and Remote Sensing Symposium (IGARSS 2019), July 28 - August 2, 2019, Yokohama, Japan
6	Robert-George Simion, Mihai-Lica Pura, "A BitTorrent DHT Crawler", IEEE 13th International Symposium on Applied Computational Intelligence and Informatics (SACI 2019), May 29-31, 2019, Timisoara, Romania
7	Ștefan Bodoarca, Mihai-Lica Pura, "Assuring Privacy in Surfing the Internet", Innovative Security Solutions for Information Technology and Communications, Lecture Notes for Computer Science, vol. 11359, Springer International Publishing, Post-proceedings of the 11th International Conference on Security for Information Technology and Communications, SecITC 2018, Bucharest, Romania, November 8–9, 2018
8	Iulian Aciobanitei, Roxana-Ioana Guinea, Mihai-Lica Pura, "AVISPA versus AVANTSSAR in the model checking of secure communication protocols", Proceedings of the 15th International Conference on Security and Cryptography (SECRYPT 2018), Porto, Portugal, July 26-28, 2018
9	Iulian Aciobanitei, Paul Danut Urian, Mihai Lica Pura, "A Cryptography API: Next Generation Key Storage Provider for Cryptography in the Cloud", 10th International Conference on Electronics, Computers and Artificial Intelligence – ECAI'2018, 28-30 June, 2018, Iasi, Romania
10	Iulian Aciobanitei, Lorena Leahu, Mihai Lica Pura, "A PKCS#11 Driver for Cryptography in the Cloud", 10th International Conference on Electronics, Computers and Artificial Intelligence – ECAI'2018, 28-30 June, 2018, Iasi, Romania
11	Sorin Catalin Teican, Iulian Aciobanitei, Mihai-Lica Pura, "Using set rewriting to implement the chemical reaction computation model", Proceedings of the 12th IEEE International Conference on Communications – COMM 2018, 14-16 June, 2018, Bucharest, Romania
12	Iulian Aciobanitei, Iulian Catalin Buhus, Mihai-Lica Pura, "Lightweight version of SQRL authentication protocol based on cryptography in the cloud", IEEE 12th International Symposium on Applied Computational Intelligence and Informatics (SACI 2018), May 17-19, 2018, Timisoara, Romania
13	Iulian Aciobanitei, Iulian Catalin Buhus, Mihai-Lica Pura, "Using cryptography in the cloud for lightweight authentication protocols based on QR codes", IEEE 12th International Symposium on Applied Computational Intelligence and Informatics (SACI 2018), May 17-19, 2018, Timisoara, Romania
14	Bogdan Sebacher, Ștefan-Adrian Toma, Marin Lupoae, Mihai-Lica Pura, "On the Modelling Of

	Urban Infrastructure Deformation Profiles Using Applied Element Method and Multiple Hypothesis Testing", 2018 IEEE International Geoscience and Remote Sensing Symposium (IGARSS 2018), July 23-27, 2018, Valencia, Spain
15	Mihai Lică Pura, Iulian Acioabăniței, Ștefan Adrian Toma, Didier Buchs, CTL Formula Evaluation by Term Rewriting Inversion, 9th International Conference on Electronics, Computers and Artificial Intelligence – ECAI'2017, June 29 - July 1st, 2017, Targoviste, Romania
16	Ștefan-Adrian Toma, Adriana Stan, Mihai-Lică Pura, Traian Bârsan, MaRePhoR – An Open Access Machine-Readable Phonetic Dictionary for Romanian, 9th Conference on Speech Technology and Human-Computer Dialogue (SpeD 2017), July 6-9, 2017, Bucharest, Romania
17	Alexandru-Valentin VLĂDUȚĂ, Mihai Lică PURA, Ion BICA, "MAC Protocol for Data Gathering in Wireless Sensor Networks with the Aid of Unmanned Aerial Vehicles", Advances in Electrical and Computer Engineering, vol. 16, issue 2, pp. 51-56, May 2016, JCR Impact Factor 0.459
18	Mihai Lica Pura, Luciana Morogan, Didier Buchs, "Generation of the Path to Counter-Examples by Backward State Space Traversal in Symbolic Model Checking based on Term Rewriting", Proceedings of the 11 th IEEE International Conference on Communications – COMM 2016, Bucharest, Romania, 9-10 June, 2016
19	Diana Getuta Oancea, Mihai Lica Pura, Luciana Morogan, "Using Gamma Formalism for Model-Based Testing for the Routing Protocols for Mobile Ad Hoc Networks", Proceedings of the 11 th IEEE International Conference on Communications – COMM 2016, Bucharest, Romania, 9-10 June, 2016
20	Mihai Lica Pura, Didier Buchs, "Symbolic Model Checking of Security Protocols for Ad Hoc Networks on Any Topologies", LNCS Transactions on Petri Nets and Other Models of Concurrency X, LNCS vol. 9410 (ToPNoC X), pp. 109-130, Springer, November, 2015
21	Constantin Grumazescu, Mihai Lica Pura, Victor Valeriu Patriciu, "Hybrid Distributed-Hierarchical Identity Based Cryptographic Scheme for Wireless Sensor Networks", in Proceedings of WorldCIST'15 - 3rd World Conference on Information Systems and Technologies, Ponta Delgada, São Miguel, Azores, Portugal, 1 - 3 April 2015, published in Advances in Intelligent Systems and Computing Series, vol. 353, New Contributions in Information Systems and Technologies, vol. 1, pp. 949-958, Springer International Publishing, 2015
22	Mihai Lica Pura, Didier Buchs, "Using algebraic Petri nets for testing the models of ad hoc secure routing protocols in mobility scenarios", 2014 IEEE International Conference on Software Testing, Verification, and Validation Workshops, 5th International Workshop on Security Testing (SECTEST 2014), 31 March - 4 April 2014, Cleveland, Ohio, U.S.A.
23	Mihai Lica Pura, Didier Buchs, "Model Checking ARAN Ad Hoc Secure Routing Protocol with Algebraic Petri Nets", 2014 10th International Conference on Communications (COMM 2014), Bucharest, Romania, June, 2014
24	Mihai Lica Pura, Didier Buchs, "A Self-Organized Key Management Scheme for Ad Hoc Networks Based on Identity-Based Cryptography", 2014 10th International Conference on Communications (COMM 2014), Bucharest, Romania, June, 2014
25	Mihai-Lica Pura, Victor-Valeriu Patriciu, Ion Bica, „On Modeling and Formally Verifying Secure Explicit On-demand Ad Hoc Routing Protocols”, Proceedings of the 2nd International Conference on Software Technology and Engineering ICSTE 2010, Porto Rico, S.U.A., October, 2010, vol. 2, pp. 215-221
26	Mihai-Lica Pura, Victor-Valeriu Patriciu, „Security Analysis of Robust User Authentication Protocol”, Proceedings of the 8th International Conference on Communications COMM 2010, Bucharest, Romania, June, 2010
27	Mihai-Lica Pura, Victor-Valeriu Patriciu, Ion Bica, „Formal Verification of G-PAKE using Casper/FDR2”, Proceedings of the International Conference on Security and Cryptography SECRYPT 2010, Athens, Greece, July, 2010
28	Mihai-Lica Pura, Victor-Valeriu Patriciu, Ion Bica, „Formal Verification of Secure Ad Hoc Routing Protocols using AVISPA: ARAN case study”, Proceedings of the 4th European Computing

	Conference ECC 2010, Bucharest, Romania, April, 2010
29	Mihai-Lica Pura, Victor-Valeriu Patriciu, Ion Bica, „Simulation of an Identity Based Cryptography Scheme for Ad Hoc Networks”, Proceedings of the International Conference on Security and Cryptography SECRYPT 2009, Milan, Italy, July, 2009
30	Constantin Grumazescu, Mihai Lica Pura, "Authenticated Key Agreement Scheme for Interoperable Wireless Sensor Networks", MTA Review, vol. XXV, issue 3, Military Technical Academy Publishing House, September 2015
31	Mihai Lica Pura, Didier Buchs, "Using Symbolic Techniques and Algebraic Petri Nets to Model Check Security Protocols for Ad Hoc Networks", PNSE'14 International Workshop on Petri Nets and Software Engineering Tunis, Tunisia, June 23-24, 2014
32	Mihai Lica Pura, "User Authentication to a Web Site Using Fingerprints", The 16th International Conference of Scientific Papers "Scientific Research and Education in the Air Force", AFASES 2014, Brasov, Romania, 22-24 May, 2014
33	Mihai Lica Pura, Victor Valeriu Patriciu, "Identity-Based Cryptography: from Proposals to Everyday Use", The 16th International Conference of Scientific Papers "Scientific Research and Education in the Air Force", AFASES 2014, Brasov, Romania, 22-24 May, 2014
34	Mihai-Lică Pura, "Quantitative Evaluation of Identity Based Cryptography in an Authentication Scenario", The 15th International Conference of Scientific Papers "Scientific Research and Education in the Air Force" AFASES 2013, Brasov, Romania, 2013
35	Ionuț Constantin, Mihai-Lică Pura, "Securing ZRP - A Hybrid Ad Hoc Routing Protocol", The 15th International Conference of Scientific Papers "Scientific Research and Education in the Air Force" AFASES 2013, Brasov, Romania, 2013
36	Mihai-Lică Pura, Victor-Valeriu Patriciu, Ion Bica, „Modeling and Formal Verification of Implicit On-demand Secure Ad Hoc Routing Protocols in HPSL and AVISPA”, University Press, International Journal of Computers and Communications, issue 2, vol. 3, pp. 25-32, 2009
37	Mihai-Lică Pura, „Ad Hoc Networks and Their Security: A Survey”, Military Technical Academy Publishing House, MTA Review, issue 1, vol. XXII, pp. 45-60, March 2012
38	Mihai Lica Pura, Victor-Valeriu Patriciu, "Considerations about the Architecture Solutions for PKI in Ad hoc Networks", 1st International Conference on Security for Information Technology and Communications, (SECITC), November 2008, Bucharest, Romania