

LIST OF RECENT PUBLICATIONS

PROFESSOR VICTOR-VALERIU PATRICIU, PH.D.

1. Books

1. *General-maior dr.Ion Angheloiu , Colonel dr.ing.Eugen Györfi , lector univ.ing.Victor-Valeriu Patriciu " SECURITATEA ȘI PROTECȚIA INFORMAȚIEI ÎN SISTEMELE ELECTRONICE DE CALCUL "*, Editura militară Bucuresti , 310 pag., 1986
2. *Valentin Cristea, Victor-Valeriu Patriciu , Lucia Coculescu, Ioan Finta "PROIECTAREA SISTEMELOR TELEINFORMATICE",*Editura militară, Bucuresti ,280 pag., 1988
3. *Victor-Valeriu Patriciu , "SISTEME DE OPERARE PENTRU MINI SI MICROCALCULATOARE",*Editura militară Bucuresti, 310 pag., 1992
4. *Victor-Valeriu Patriciu, Telu Dumitru, Răzvan Mureșan , "TOTUL DESPRE PROCESORUL DE TEXTE WORD 2.0 SUB WINDOWS "*, Editura Cantemir, Bucuresti, 192 pag., 1994
5. *Victor-Valeriu Patriciu , "CRIPTOGRAFIA SI SECURITATEA RETELELOR DE CALCULATOARE CU APLICATII IN C SI PASCAL",* Editura Tehnică, Bucuresti, 320pag., 1994
6. *Valentin Cristea, Victor-Valeriu Patriciu, "MAI MULTE DESPRE INTERNET : Eudora. Netscape. Internet în România",* Editura TEORA, 256 pag, ISBN 681-327-520-773-2, 1996
7. *Victor-Valeriu Patriciu, Monica Ene-Pietroșanu, Ion Bica, Costel Cristea, „SECURITATEA INFORMATICĂ ÎN UNIX ȘI INTERNET”,* Editura Tehnică, ISBN 973-31-1185-6, 558 pg., 1998
8. *Victor-Valeriu Patriciu, Ioana VASIU, Serban Patriciu, “ INTERNET-UL SI DREPTUL” ,* Editura All Beck, 454 pag., ISBN 973-9435-40-8, 1999
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10. *Victor-Valeriu PATRICIU, Ene-Pietroșanu Monica, Bica Ion, Priescu Iustin, “SEMNĂTURI ELECTRONICE ȘI SECURITATE INFORMATICĂ – ASPECTE CRIPTOGRAFICE, TEHNICE, JURIDICE ȘI DE STANDARDIZARE”,*Editura BIC ALL (cod CNCSIS 239), 608 pagini, ISBN 973-571-564-3, 2006
11. *Victor-Valeriu Patriciu, Iustin PRIESCU, Sebastian NICOLAESCU, “SECURITATEA POȘTEI ELECTRONICE ÎN INTERNET”,* Editura Academiei Tehnice Militare (cod CNCSIS 158), 242 pag., ISBN 973-640-043-3, 2007

12. Ion IVAN, Cristian TOMA, **Victor-Valeriu PATRICIU**, Ion BICA, Adrian ATANASIU, Valentin CRISTEA, Ion SMEUREANU, Marius POPA, 663 pag, „**INFORMATICS SECURITY HANDBOOK, 2ND EDITION**”, Editura ASE, ISBN 978-606-505-246-8,2009
13. **Victor-Valeriu Patriciu**, , Titi PARASCHIV " **TEORIA SISTEMELOR INFORMATIONALE**" (Editura Academiei Romane, 365 pag., ISBN 978-973-27-1496-6, 2009
14. Stelian Flonta, **Victor Valeriu Patriciu**, Liviu Cristian Miclea , “**METODE CRIPTOGRAFICE PENTRU SISTEME STRUCTURATE**”, (Ed. U.T.Press Cluj-Napoca, ISBN 978-973-662-620-3, 260 pagini, 2011

2. Conference scientific articles (2010-2019)

1. Vladuta, V.-A., Ghimes, A.-M., **Patriciu, V.V.**, « **A Proposed Solution for Analyzing the Behavior of a WSN using a Secured Neural Network Approach**”, 13th International Symposium on Electronics and Telecommunications, ISETC 2018
2. Radu Velea, Casian Ciobanu, Florina Gurzau, **Victor-Valeriu Patriciu**, “**Feature Extraction and Visualization for Network PcapNg Traces**”, 21st International Conference on Control Systems and Computer Science (CSCS), 2017, 10.1109/CSCS.2017.49
3. Ana-Maria Ghimeș, **Victor-Valeriu Patriciu**, "A survey of Big Data Analytics Techniques in Cyber Security", International Journal of Latest Research in Engineering & Technology (IJLRET) Volume03 – Issue 02, February 2017, pp.21-25, ISSN 2454-5031, B2017038,
4. Alexandru-Valentin Vlăduță, Ion Bica, **Victor Patriciu**, Florin Pop, “**Reliable data collection for wireless sensor networks using unmanned aerial vehicles**”, 12th International Conference on Green, Pervasive and Cloud Computing, 10.1007/978-3-319-57186-7_25, Q2
5. Ana-Maria Ghimeș, **Victor-Valeriu Patriciu**, “**Neural Network Models in Big Data Analytics and Cyber Security**”, 2017 9th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), ISSN 978-1-5090-6458-8/17, 10.1109/ECAI.2017.8166441
6. Alexandru-Valentin Vlăduță, **Victor Patriciu**, “**Authentication mechanism for data gathering protocol in Wireless Sensor Networks** ", ECAI 2017 - International Conference – 9th Edition, Electronics, Computers and Artificial Intelligence, 2017, 978-1-5090-6458-8/17, 10.1109/ECAI.2017.8166389
7. Bogdan-Cosmin Chifor, Ion Bica, **Victor-Valeriu Patriciu**, “A Participatory Verification security scheme for the Internet of Things”, Communications (COMM) 2016, 10.1109/ICComm.2016.7528283, IEEE, ISI Proceedings
8. Bogdan-Cosmin Chifor, Ion Bica, **Victor-Valeriu Patriciu**, “Mitigating DoS attacks in publish-subscribe IoT networks”, Communications (COMM) 2016, ISSN: 1843-2115, 10.1109/ECAI.2017.8166463, IEEE, ISI Proceedings
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11. Radu Velea, Florina Gurzău, Laurențiu Mărgărit, Ion Bica, **Victor-Valeriu Patriciu**, "Performance of Parallel ChaCha20 Stream Cipher", 11th International Symposium on Applied Computational Intelligence and Informatics (SACI), 2016, 10.1109/SACI.2016.7507408, IEEEExplore, ISI Proceedings
12. Marius-Alexandru Velciu, **Victor-Valeriu Patriciu** și Ion Bica, "A Bio-Cryptographic framework for securing mobile devices content", IEEE 11th International Symposium on Applied Computational Intelligence and Informatics (SACI), Timișoara, Mai 2016, ISBN: 978-1-5090-2379-0, 10.1109/SACI.2016.7507398, IEEEExplore, DPLP, ISI Proceedings
13. Mihai-Gabriel Ionita, Marius-Alexandru Velciu și **Victor-Valeriu Patriciu**, "Authorizing cyber warfare countermeasures by using a bio-cryptographic fingerprint authentication method for mobile devices", 9th International Conference on Security for Information Technology and Communications (SECITC), București, Iunie 2016, ISSN: 2285-1798
14. Ana-Maria Ghimeș, **Victor Valeriu Patriciu**, Proposed Scheme for Data Confidentiality and Access Control in Cloud Computing, Book, Lecture Notes in Computer Science, Volume 10006 2016, Innovative Security Solutions for Information Technology and Communications, 9th International Conference, SECITC 2016, Bucharest, Romania, June 9-10, 2016, Revised Selected Papers, ISBN: 978-3-319-47237-9, 10.1007/978-3-319-47238-6_20, ISI Proceedings
15. Marius-Alexandru Velciu, **Victor-Valeriu Patriciu** și Mihai Togan, "An evaluation of the Fuzzy Vault scheme diffusion points order of magnitude", 14th International Conference on Informatics in Economy (IE), Aprilie 2015, București, ISSN: 2284-7472, ISI și RePEc indexed
16. Marius-Alexandru Velciu, Alecsandru Pătrașcu și **Victor-Valeriu Patriciu**, "An evaluation of the Reed-Solomon error-correcting codes usage for bio-cryptographic algorithms", IEEE 10th Jubilee International Symposium on Applied Computational Intelligence and Informatics (SACI), Timișoara, Mai 2015, ISBN: 978-1-4673-6397-6, DOI: 10.1109/SACI.2015.7208255, ISI, IEEE, și DPLP indexed
17. Alecsandru Pătrașcu, Marius-Alexandru Velciu și **Victor-Valeriu Patriciu**, "Cloud Computing Digital Forensics Framework for Automated Anomalies Detection", IEEE 10th Jubilee International Symposium on Applied Computational Intelligence and Informatics (SACI), Timișoara, Mai 2015, ISBN: 978-1-4673-6397-6, DOI: 10.1109/SACI.2015.7208257, ISI, IEEE, și DPLP indexed
18. Marius-Alexandru Velciu și **Victor-Valeriu Patriciu**, "Enhancing Fuzzy Vault bio-cryptographic scheme security by using genuine points salted hashing", 8th International Conference on Security for Information Technology and Communications (SECITC), București, Iunie 2015, ISSN: 2285-1798,
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21. Radu Velea, Victor-Valeriu Patriciu, Florina Gurzau, “Using OpenCL to Improve String Matching for Network Intrusion Detection”, 20th International Conference on Control Systems and Computer Science, 2015, 10.1109/CSCS.2015.26, ISI Proceedings
22. Alecsandru Pătrașcu, Ion Bica and **Victor-Valeriu Patriciu**, “Hierarchical Distributed Hash Tables for Video Recognition in Content Delivery Networks”, 14th International Conference on Informatics in Economy, Bucharest, 2015, ISSN: 2247-1480, ISI indexed
23. Alecsandru Pătrașcu, Marius-Alexandru Velciu and **Victor-Valeriu Patriciu**, “Cloud Computing Digital Forensics Framework for Automated Anomalies Detection”, IEEE 10th International Symposium on Applied Computational Intelligence and Informatics, Timisoara, 2015, ISBN: 978-1-4673-6397-6, IEEE, ISI and DPLP indexed, 10.1109/SACI.2015.7208257
24. Marius-Alexandru Velciu, Alecsandru Pătrașcu and **Victor-Valeriu Patriciu**, “An evaluation of the Reed-Solomon error-correcting codes usage for bio-cryptographic algorithms”, IEEE 10th International Symposium on Applied Computational Intelligence and Informatics, Timisoara, 2015, ISBN: 978-1-4673-6397-6, IEEE, ISI and DPLP indexed, 10.1109/SACI.2015.7208255
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26. Alecsandru Pătrașcu, Ion Bica and **Victor-Valeriu Patriciu**, “Spam Filtering using Automated Classifying Services Over a Cloud Computing Infrastructure”, 8th International Conference on Security for Information Technology and Communications, Bucharest, 2015, ISSN: 2247-1480, SPRINGER indexed, 10.1007/978-3-319-27179-8_16
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35. Alecsandru Pătraşcu and **Victor-Valeriu Patriciu**, "Anomaly detection in datacenters for cloud computing digital forensics", 7th International Conference on Security for Information Technology and Communications, Bucharest, 2014, ISSN 2285-1798
36. Alecsandru Pătraşcu and **Victor-Valeriu Patriciu**, "Implementation of a cloud computing framework for cloud forensics", 18th International Conference on System Theory, Control and Computing, Sinaia, 2014, ISBN 978-1-4799-4602-0, IEEE and ISI indexed
37. Adrian Pauna, **Victor Valeriu Patriciu**, "CASSHH–Case Adaptive SSH Honey-pot, Book:Recent Trends in Computer Networks and Distributed Systems Security", Second International Conference, SNDS 2014, Trivandrum, India, March 13-14, 2014, Proceedings, Springer, ISI Thomson, Google Scholar, DBLP
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41. Andrei Marghescu, Alecsandru Pătrașcu and **Victor-Valeriu Patriciu**, "Practical Homomorphic Encryption Schemes in Cloud Computing Applications", 6th International Conference on Security for Information Technology and Communications, Bucharest, 2013, ISSN 2285-1798
42. Ghita S.-V. , **Patriciu V.-V.** , Bica, I. , A new DRM architecture based on mobile code and white-box encryption , COMM2012, pag.: 303 – 306, ISBN: 978-1-4577-0057-6, 2012, indexat ISI Proceedings , IEEE Xplore.
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50. 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, ISBN 978-1-4244-

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3. Journal scientific articles (2010-2019)

1. Bogdan-Cosmin Chifor, Ion Bica, **Victor-Valeriu Patriciu**, Florin Pop, “**A security authorization scheme for smart home Internet of Things devices**”, Future Generation Computer Systems, ISSN: 0167-739X, 2017, 10.1016/j.future, revista Q1
2. Georgiana SUBAȘU, Livia ROȘU, and **Victor-Valeriu PATRICIU** “Cyber Defence Exercises – Approaches For Training”, MTA Review, Vol. XXVII, Nr. 1, Iunie 2017, Academia Tehnică Militară, București, România, ISSN 1843-3391, BDI
3. Mihai-Gabriel Ionita, Marius-Alexandru Velciu și **Victor-Valeriu Patriciu**, “A Mobile-based Bio-cryptographic Framework for Approving Cyber Warfare Defensive Actions”, International Journal of Computer Science and Information Security (IJCSIS), August 2016 Volume 14, No. 8, ISSN: 1947-5500, indexare: ISI.
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5. Valentin-Alexandru Vlăduță, Ana-Maria Ghimes, **Victor-Valeriu Patriciu**, “Data Acquisition and Big Data Techniques for User Profiling in Internet of Things”, MTA Review, ISBN 1843-3391
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11. Alecsandru Pătrașcu and **Victor-Valeriu Patriciu**, "Logging for cloud computing forensic systems", International Journal of Computers Communications and Control, Oradea, 2015, ISI indexed, ISSN: 1841-9844
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