

LISTA DE LUCRĂRI

Conf. Dr. Ing. PRICOP Emil

A. Teza de doctorat

- A.1. *Cercetări privind securitatea sistemelor automate*, Teza de doctorat, Universitatea Petrol-Gaze din Ploiești, Ploiești, Mai 2017, 245 pagini
Conducător științific: Prof. dr. ing. Nicolae Paraschiv

B. Brevete de invenție

B.1. Brevete de invenție naționale acordate

- B.1.1. *Card RFID biometric și metodă de stocare a informațiilor pe cardul RFID biometric*
Brevet de invenție RO 123364 B1 din 28.10.2011, acordat de Oficiul de Stat pentru Invenții și Mărci – OSIM, România.
Inventatori: Melinte Toader, **Pricop Emil**, Lorentz Adrian, Andron Liviu
Brevet de invenție indexat Clarivate Analytics Derwent Innovations Index
Link: https://ro.espacenet.com/publicationDetails/originalDocument?CC=RO&NR=123364B1&KC=B1&FT=D&ND=4&date=20111028&DB=&locale=ro_RO
- B.1.2. *Metodă și sistem de securitate a aeroporturilor civile împotriva atacurilor teroriste cu rachete portabile sol-aer*
Brevet de invenție RO 129740 B1 din 30.06.2016, acordat de Oficiul de Stat pentru Invenții și Mărci – OSIM, România.
Inventatori: Ionescu Octavian Narcis, **Pricop Emil**, Ionescu Gabriela Cristina
Brevetul de invenție a fost premiat de către UEFISCDI în cadrul competiției *PNCDI III – Programul P1– Dezvoltarea sistemului național de cercetare-dezvoltare, Subprogramul 1.1–Resurse Umane, Premiarea rezultatelor cercetării – brevete (PRECBVT -2017)*, cod depunere *PN-III-P1-1.1-PRECBVT-2017-0102*
Link: https://ro.espacenet.com/publicationDetails/originalDocument?FT=D&date=20160630&DB=&locale=ro_RO&CC=RO&NR=129740B1&KC=B1&ND=4

C. Cărți și capitole de cărți

C.1. Cărți publicate

- C.1.1. **Pricop E.**, Stamatescu G. (Editori) - *Recent Advances in Systems Safety and Security*, Seria *Studies in Systems, Decision and Control*, vol. 62, Editura Springer International Publishing AG, Cham, Switzerland, ISBN: 978-3-319-32523-1, 2016
Link: <https://www.springer.com/gp/book/9783319325231>
- C.1.2. Zamfir F., **Pricop E.** – *Interacțiunea om-calculator. Lucrări practice*, Editura Universității Petrol-Gaze din Ploiești, Ploiești, România, ISBN: 978-973-719-774-0, 2019

- C.1.3. **Pricop E.**, Fattahi J., Dutta N., Ibrahim M. (Editori) - *Recent Developments on Industrial Control Systems Resilience*, *Seria Studies in Systems, Decision and Control*, vol. 255, Editura Springer International Publishing, Springer Nature Switzerland AG, Switzerland, ISBN: 978-3-030-31327-2, 2020
Link: <https://www.springer.com/gp/book/9783030313272>
- C.1.4. **Pricop E.**, Stamatescu G., Fattahi J. (Editori) – *Advanced Topics in Systems Safety and Security*, Editura MDPI Books, Switzerland, ISBN: 978-3-0365-1623-3, 2021
Link: <https://doi.org/10.3390/books978-3-0365-1624-0>
- C.1.5. Dutta N., Jadav N., Tanwar S., Sarma H. K. D., **Pricop E.** – *Cyber Security: Issues and Current Trends*, *Seria Studies in Computational Intelligence*, vol. 995, Editura Springer Singapore, ISBN: 978-981-16-6596-7, 2022
Link: <https://link.springer.com/book/10.1007/978-981-16-6597-4>
- C.1.6. Noor, A., Saroha, K., **Pricop, E.**, Sen, A., Trivedi, G. (Editori) - *Proceedings of Emerging Trends and Technologies on Intelligent Systems – ETTIS 2022*, *Seria Advances in Intelligent Systems and Computing*, vol. 1414, Springer, Singapore, ISBN: 978-981-19-4182-5, 2023
Link: <https://doi.org/10.1007/978-981-19-4182-5>
- C.1.7. Noor, A., Saroha, K., **Pricop, E.**, Sen, A., Trivedi, G. (Editori) - *Proceedings of Emerging Trends and Technologies on Intelligent Systems – ETTIS 2023*, *Seria Lecture Notes in Networks and Systems (LNNS)*, vol. 730, Springer, Singapore, ISBN: 978-981-99-3963-3, 2023
Link: <https://doi.org/10.1007/978-981-99-3963-3>
- C.1.8. Noor, A., Saroha, K., **Pricop, E.**, Sen, A., Trivedi, G. (Editori) - *Emerging Trends and Technologies on Intelligent Systems – Proceedings of the 4th International Conference ETTIS 2024*, *Seria Lecture Notes in Networks and Systems (LNNS)*, vol. 1073, Springer, Singapore, ISBN: 978-981-97-5702-2, 2025
Link: <https://doi.org/10.1007/978-981-97-5703-9>
- C.1.9. Saroha K., Johari K., **Pricop, E.**, Sen, A., Trivedi, G. (Editori) - *Proceedings of Fifth Emerging Trends and Technologies on Intelligent Systems – ETTIS 2025 Conference, Volume 1*, *Seria Lecture Notes in Networks and Systems (LNNS)*, vol. 1590, Springer, Singapore, ISBN: 978-981-95-0683-5, 2025
Link: <https://doi.org/10.1007/978-981-95-0684-2>
- C.1.10. **Pricop, E.**, Saroha, K., Sen A., Trivedi, G., Johari K. (Editori) - *Proceedings of Fifth Emerging Trends and Technologies on Intelligent Systems – ETTIS 2025 Conference, Volume 2*, *Seria Lecture Notes in Networks and Systems (LNNS)*, vol. 1591, Springer, Singapore, ISBN: 978-981-95-0680-4, 2025
Link: <https://doi.org/10.1007/978-981-95-0681-1>

C.2. Capitoale de carte publicate

- C.2.1. Fattahi J., Mejri M., **Pricop E.** – *The Theory of Witness-Functions*, capitol publicat în Pricop E., Stamatescu G. (Eds.), *Recent Advances in Systems Safety and Security*, *Seria Studies in Systems, Decision and Control*, vol. 62, Editura Springer International Publishing AG, Cham, Switzerland, ISBN: 978-3-319-32525-1, 2016, pag. 1-19, DOI: https://doi.org/10.1007/978-3-319-32525-5_1

- C.2.2. Rădulescu G., **Pricop E.**, Nicolae M., Roșca C. – *Using Modelling and Dynamic Simulation Techniques for Systems' Safety and Security*, capitol publicat în Pricop E., Stamatescu G. (Eds.), *Recent Advances in Systems Safety and Security*, Seria *Studies in Systems, Decision and Control*, vol. 62, Editura Springer International Publishing AG, Cham, Switzerland, ISBN: 978-3-319-32525-1, 2016, pag. 57-77, DOI: https://doi.org/10.1007/978-3-319-32525-5_4
- C.2.3. **Pricop E.**, Mihalache S. F., Fattahi J. – *Innovative Fuzzy Approach on Analyzing Industrial Control Systems Security*, capitol publicat în Pricop E., Stamatescu G. (Eds.), *Recent Advances in Systems Safety and Security*, Seria *Studies in Systems, Decision and Control*, vol. 62, Editura Springer International Publishing AG, Cham, Switzerland, ISBN: 978-3-319-32525-1, 2016, pag. 223-239, DOI: https://doi.org/10.1007/978-3-319-32525-5_13
- C.2.4. Birleanu F.G., Angheliescu P., Bizon N., **Pricop E.** - *Cyber Security Objectives and Requirements for Smart Grid*, capitol publicat în Kabalci E., Kabalci Y. (Eds.) *Smart Grids and Their Communication Systems*, Seria *Energy Systems in Electrical Engineering*, Editura Springer Nature Singapore, Singapore, ISBN: 978-981-13-1767-5, 2019, pag. 607-634, DOI: https://doi.org/10.1007/978-981-13-1768-2_17
- C.2.5. Mihalache S.F., **Pricop E.**, Fattahi J. - *Resilience Enhancement of Cyber-Physical Systems: A Review*, capitol publicat în Mahdavi Tabatabaei N., Najafi Ravadanegh S., Bizon N. (Eds.) *Power Systems Resilience*, Seria *Power Systems*, Editura Springer International Publishing AG, Cham, Switzerland, ISBN: 978-3-319-94441-8, 2019, pag. 269-287, DOI: https://doi.org/10.1007/978-3-319-94442-5_11
- C.2.6. Ionescu O., Dumitru V., **Pricop E.**, Pircalabu S.- *Innovative Hardware-Based Cybersecurity Solutions*, capitol publicat în Pricop E., Fattahi J., Dutta N., Ibrahim M. (Eds.) *Recent Developments on Industrial Control Systems Resilience*, Seria *Studies in Systems, Decision and Control*, vol. 255, Editura Springer Nature Switzerland AG, Cham, Switzerland, ISBN: 978-3-030-31327-2, 2020, pag. 283-299, DOI: https://doi.org/10.1007/978-3-030-31328-9_12

D. Articole publicate în extenso în reviste din fluxul științific internațional principal

D.1. Articole publicate în reviste indexate Clarivate Analytics - Web of Science (SCIE - ISI)

- D.1.1. Paraschiv N., **Pricop E.** – *Adequacy testing of some algorithms for feedforward control of a propane propylene distillation process*, Revista de Chimie, vol. 67, nr. 7, Iulie 2016, pag. 1363-1368, ISSN: 0034-7752, Accession Number: WOS:000385513000027
- D.1.2. Tariq M.I., Tayyaba S., Ali Mian N., Sarfraz M.S., Hussain A., Imran M., **Pricop E.**, Cangea O., Paraschiv N. - *An analysis of the application of fuzzy logic in cloud computing*, Journal of Intelligent & Fuzzy Systems, vol. 38, no. 5, pp. 5933-5947, 2020, DOI: <https://doi.org/10.3233/JIFS-179680>, Accession Number: WOS: 000541708200057

- D.1.3. Ziadia M., Fattahi J., Mejri M., **Pricop E** - *Smali+*: *An Operational Semantics for Low-Level Code Generated from Reverse Engineering Android Applications*, MDPI Information, 11(3), 2020, Article 130, DOI: <https://doi.org/10.3390/info11030130> , Accession Number: WOS:000524309400006
- D.1.4. Roy S.S., Mihalache S.F., **Pricop E.**, Rodrigues N., *Deep convolutional neural network for environmental sound classification via dilation*, Journal of Intelligent & Fuzzy Systems, vol. 43, issue 2, pag. 1827-1833, ISSN: 1064-1264, 2022, DOI: <https://doi.org/10.3233/JIFS-219283>, WOS: 000811435100015
- D.1.5. Chakrabarty S., Islam R., **Pricop E.**, Sarma H.K.D. - *An Approach to Discover Similar Musical Patterns*, IEEE ACCESS, vol. 10, pp. 47322-47339, 2022, DOI: <https://doi.org/10.1109/ACCESS.2022.3169362>, Accession Number WOS: 000793791200001
- D.1.6. Tudose, I.V.; Mouratis, K.; Ionescu, O.N.; Romanitan, C.; Pachiu, C.; **Pricop, E.**; Khomenko, V.H.; Butenko, O.; Chernysh, O.; Barsukov, V.Z.; Sucheana, M.P.; Koudoumas, E. *Carbon Allotropes-Based Paints and Their Composite Coatings for Electromagnetic Shielding Applications*, *Nanomaterials* **2022**, *12*, 1839. <https://doi.org/10.3390/nano12111839>

D.2. Articole publicate în lucrările unor conferințe indexate Clarivate Analytics Web of Science (ISI Proceedings - CPCI)

- D.2.1. Ionescu O., **Pricop E.**, Paraschiv N. – *The management of health & safety issues related to the wearing of protective clothing by using RFID technology*, Proceedings of the 2nd International Conference on Economic, Education and Management – ICEEM 2012, Shanghai, China , Vol. 1. Pag. 495 – 499, ISBN: 978-988-19750-3-3, WOS:000318122400088
- D.2.2. **Pricop E.** – *On the design of an innovative solution for increasing hazardous materials transportation safety*, Proceeding of the 17th International Conference Systems, Theory, Control and Computing – ICSTCC 2013, Sinaia, România, 2013, pag. 624-629, ISBN: 978-1-4799-2228-4, WOS:000330660500098, DOI: <https://doi.org/10.1109/ICSTCC.2013.6689029>
- D.2.3. Ionescu O., **Pricop E.** – *On the design of a system for airport protection against terrorist attacks using MANPADs*, Proceedings of IEEE International Conference on Systems, Man & Cybernetics – SMC 2013, Manchester, United Kingdom, October 2013, pag. 4778-4782, ISBN:978-0-7695-5153-8, WOS:000332201904156, DOI: <https://doi.org/10.1109/SMC.2013.813>
- D.2.4. **Pricop E.**, Mihalache S.F. – *Assessing the security risks of a wireless sensor network from a gas compressor station*, Proceedings of the 6th International Conference on Electronics, Computers & Artificial Intelligence – ECAI 2014, București, 2014, vol. 5, pag. 45-50, ISBN: 978-1-4799-5478-0, WOS:000380489500072, DOI: <https://doi.org/10.1109/ECAI.2014.7090209>
- D.2.5. **Pricop E.**, Mihalache S.F. – *Fuzzy approach on modelling cyber attacks patterns on data transfer in industrial control systems*, Proceedings of the 7th International Conference on Electronics, Computers & Artificial Intelligence – ECAI 2015,

București, 2015, vol. 7, pag. SSS-23 – SSS-28, nr. 2/2015, ISSN: 1843-2115, WOS:000370971100065, DOI: <https://doi.org/10.1109/ECAI.2015.7301200>

- D.2.6. **Pricop E.**, Zamfir F., Paraschiv N. – *Feedback control system based on a remote operated PID controller implemented using mbed NXP LPC1768 development board*, Journal of Physics: Conference Series, Vol. 659 – Proceedings of the 12th Advanced Control and Diagnosis Workshop, Pilsen, Czech Republic, 2015, Article number: 012028, IOP Publishing, 2015, WOS:000368103000028, DOI: <https://doi.org/10.1088/1742-6596/659/1/012028>
- D.2.7. Fattahi J., Mejri M., **Pricop E.** – *Tracking Security Flaws in Cryptographic Protocols using Witness-Functions*, Proceedings of the International Conference on Systems, Man & Cybernetics – SMC 2015, Hong-Kong, October 2015, pag. 1189-1196, WOS:000368940201045, DOI: <https://doi.org/10.1109/SMC.2015.213>
- D.2.8. Fattahi J., Mejri M., **Pricop E.** – *Authentication by Witness Functions*, Proceedings of the 2016 IEEE Trustcom / BigDataSE / ISPA International Conference, Tianjin, China, 2016, pag. 1990-1997, WOS:000401929800265, DOI: <https://doi.org/10.1109/TrustCom.2016.0304>
- D.2.9. **Pricop E.**, Mihalache S.F., Paraschiv N., Fattahi J., Zamfir F. - *Considerations regarding security issues impact on systems availability*, Proceedings of the 8th International Conference on Electronics, Computers & Artificial Intelligence – ECAI 2016, Iunie 2016, Ploiești, România, pag. 1-6, ISBN: 978-1-5090-2047-8, WOS:000402541200046, DOI: <https://doi.org/10.1109/ECAI.2016.7861110>
- D.2.10. Ghayoula E., Fattahi J., Ghayoula R., **Pricop E.**, Stamatescu G., Chouinard J.-Y., Bouallegue A. - *Sidelobe level reduction in linear array pattern synthesis using Taylor-MUSIC algorithm for reliable IEEE 802.11 MIMO applications*, Proceedings of the 2016 International Conference on Systems, Man and Cybernetics – SMC 2016, Budapest, Hungary, October 2016, pag. 4700-4705, WOS:000402634704085, DOI: <https://doi.org/10.1109/SMC.2016.7844973>
- D.2.11. Fattahi J., Mejri M., Ghayoula R., **Pricop E.** – *Formal reasoning on authentication in security protocols*, Proceedings of the 2016 International Conference on Systems, Man and Cybernetics – SMC 2016, Budapest, Hungary, 2016, pp. 282-289, WOS:000402634700039, DOI: <https://doi.org/10.1109/SMC.2016.7844255>
- D.2.12. Matei N.M., Dobrescu S.L., Ichim L., Popescu D., Pricop E. – *A multi-agent system for management of control functions as services in onshore oilfield*, Proceedings of the 9th International Conference on Electronics, Computers and Artificial Intelligence – ECAI 2017, Targoviste, Romania, pag. 1-5, ISBN: 978-1-5090-6457-1, WOS:000425865900089, DOI: <https://doi.org/10.1109/ECAI.2017.8166473>
- D.2.13. Fattahi J., Mejri M., Ziadia M., Ghayoula E., Samoud O., **Pricop E.** – *Cryptographic protocol for multipart missions involving two independent and distributed decision levels in a military context*, Proceedings of the 2017 IEEE International Conference on Systems, Man and Cybernetics – SMC 2017, Banff, Canada, pag. 1127-1132, ISBN: 978-1-5386-1645-1, WOS:000427598701028, DOI: <https://doi.org/10.1109/SMC.2017.8122763>

- D.2.14. Fattahi, J., Mejri M., Ziadia M., Omrani T., **Pricop E.** – *Witness-functions versus interpretation-functions for secrecy in cryptographic protocols: What to choose?*, Proceedings of the 2017 IEEE International Conference on Systems, Man and Cybernetics – IEEE SMC 2017, Banff, Canada, Octombrie 2017, pag. 2649-2654, ISBN: 978-1-5386-1645-1, WOS:000427598702120, DOI: <https://doi.org/10.1109/SMC.2017.8123025>
- D.2.15. Ghayoula E., Boullegue A., Ghayoula R., Fattahi J., **Pricop E.**, Chouinard J.-Y. – *Radiation pattern synthesis using hybrid Fourier-Woodward-Lawson neural networks for reliable MIMO antenna systems*, Proceedings of the 2017 IEEE International Conference on Systems, Man and Cybernetics – SMC 2017, Banff, Canada, pag. 3290-3295, ISBN: 978-1-5386-1645-1, WOS:000427598703059, DOI: <https://doi.org/10.1109/SMC.2017.8123136>
- D.2.16. Zamfir F., Paraschiv N., **Pricop E.** – *Performance analysis in WiMAX networks using random linear network coding*, Proceedings of the 4th International Conference on Control, Decision and Information Technologies – CoDIT 2017, Barcelona, Spania, Aprilie 2017, pag. 679-683, ISBN: 978-1-5090-6465-6, WOS:000450826500102, DOI: <https://doi.org/10.1109/CoDIT.2017.8102658>
- D.2.17. **Pricop E.**, Fattahi J., Paraschiv N., Zamfir F., Ghayoula E. – *Method for authentication of sensors connected on Modbus TCP*, Proceedings of the 4th International Conference on Control, Decision and Information Technologies – CoDIT 2017, Barcelona, Spania, 2017, pag. 679-683, ISBN: 978-1-5090-6465-6, WOS:000450826500117, DOI: <https://doi.org/10.1109/CoDIT.2017.8102673>
- D.2.18. Fattahi J., Mejri M., Ziadia M., **Pricop E.**, Samoud O. – *Introduction to SinJAR (a new tool for reverse engineering Java applications) and tracing malicious actions using hidden Markov models*, Frontiers in Artificial Intelligence and Applications – Proceedings of the 16th International Conference on New Trends in Intelligent Software Methodology Tools and Techniques – SoMeT 2017, Kitakyushu, Japan, September 2017, vol. 297, pag. 441-453, ISBN: 978-161499799-3, WOS:000452115800036, DOI: <https://doi.org/10.3233/978-1-61499-800-6-441>
- D.2.19. Sathwara S., Dutta N., **Pricop E.** – *IoT Forensic – A digital investigation framework for IoT systems*, Proceedings of the 10th International Conference on Electronics, Computers and Artificial Intelligence – ECAI 2018, Iasi, Romania, pag. 1-4, ISBN: 978-1-5386-4901-5, WOS:000467734100087, DOI: <https://doi.org/10.1109/ECAI.2018.8679017>
- D.2.20. Paraschiv N., **Pricop E.**, Fattahi J., Zamfir F. – *Towards a reliable approach on scaling in data acquisition*, Proceedings of the 23rd International Conference on System Theory, Control and Computing – ICSTCC 2019, Sinaia, Romania, Octombrie 2019, pag. 84-88, ISBN:978-1-7281-0699-1, WOS: 000590181100015, DOI: <https://doi.org/10.1109/ICSTCC.2019.8886145>
- D.2.21. Zamfir F., Paraschiv N., **Pricop E.** – *Real-time stock analysis for blending recipes in industrial plants*, Proceedings of the 23rd International Conference on System Theory, Control and Computing – ICSTCC 2019, Sinaia, Romania, 9-11 Octombrie 2019, pag. 79-83, ISBN: 978-1-7281-0699-1, WOS: 000590181100014, DOI: <https://doi.org/10.1109/ICSTCC.2019.8886147>

- D.2.22. Ionescu O., Dumitru V., **Pricop E.**, Buiu O., Cobianu C., Raneti M., Pircalabu S., Marica C. – *On the development of a robust cybersecurity system for Internet of Things devices*, Proceedings of the 11th Intl. Conf. on Electronics, Computers and Artificial Intelligence – ECAI 2019, Pitesti, Romania, ISBN: 978-1-7281-1624-2, WOS:000569985400049, DOI: <https://doi.org/10.1109/ECAI46879.2019.9042004>
- D.2.23. Fattahi J., Mejri M., **Pricop E.** – *On the Security of Cryptographic Protocols Using the Little Theorem of Witness Functions*, Proceedings of the IEEE Canadian Conference of Electrical and Computer Engineering CCECE-2019, Edmonton, Canada, 2019, Article number: 8861950 ,ISBN: 978-1-7281-0319-8, WOS: 001432815800172, DOI: <https://doi.org/10.1109/CCECE.2019.8861950>
- D.2.24. Ionescu O., Besleaga C., Dumitru V., **Pricop E.** – *UAV identification system based on memristor physical unclonable functions*, Proceedings of the 11th International Conference on Electronics, Computers and Artificial Intelligence – ECAI 2020, Bucharest, Romania, 25-27 iunie 2020, ISBN: 978-1-7281-6843-2 WOS:000627393500034, DOI: <https://doi.org/10.1109/ECAI50035.2020.9223154>
- D.2.25. Fattahi J., Sghaier F., Mejri M., Ghayoula R., **Pricop E.**, Lakdher BE. – *Handwritten Signature Recognition using Parallel CNNs and Transfer Learning for Forensics*, Proceedings of the 10th International Conference on Control, Decision and Information Technologies – CODIT 2024, Valleta, Malta, 1-4 iulie 2025, ISBN: 979-8-3503-7398-1, WOS:001345039101123, DOI: <https://doi.org/10.1109/CoDIT62066.2024.10708517>

D.3. Lucrări publicate în reviste sau în proceeding-urile conferințelor indexate în baza de date Scopus

- D.3.1. **Pricop E.** – *Biometrics, the secret to securing industrial control systems*, Biometric Technology Today, Issue 4, April 2019, pag. 8-10, ISSN:0969-4765, 2019, DOI: [https://doi.org/10.1016/S0969-4765\(19\)30054-2](https://doi.org/10.1016/S0969-4765(19)30054-2)
- D.3.2. Nicolae M., Doicin B., Pătrășcioiu C., **Pricop E.** – *Liquid-liquid equilibrium determination and data correlation for 2,2,4-trimethyl pentane-tripropylene glycol binary system*, Revista de Chimie, vol. 71, Ianuarie 2020, ISSN: 0034-7752
- D.3.3. Zamfir, F., **Pricop, E.** - *A Review of Digital Twin and the Metaverse from the Standpoint of Smart Factories*, publicat în Noor, A., Saroha, K., Pricop, E., Sen, A., Trivedi, G. (eds) Emerging Trends and Technologies on Intelligent Systems – Proceedings of ETTIS 2024. Lecture Notes in Networks and Systems, vol 1073. Springer, Singapore. https://doi.org/10.1007/978-981-97-5703-9_12, 2025
- D.3.4. Popescu, M., **Pricop, E.** - *A Simulation-Based Approach to Evaluate the Effects of Cyberattacks Targeting Transducers in Control Systems*, publicat în Noor, A., Saroha, K., Pricop, E., Sen, A., Trivedi, G. (eds) Emerging Trends and Technologies on Intelligent Systems – Proceedings of ETTIS 2024. Lecture Notes in Networks and Systems, vol 1073. Springer, Singapore. https://doi.org/10.1007/978-981-97-5703-9_17, 2025

- D.3.5. **Pricop, E.**, Mihalache, S.F. - *Quishing - A Review of QR Code Attacks and a Framework Design for Safe Scanning*. Publicat în Pricop, E., Saroha, K., Sen, A., Trivedi, G., Johari, K. (eds) *Proceedings of Fifth Emerging Trends and Technologies on Intelligent Systems*. -ETTIS 2025. Lecture Notes in Networks and Systems, vol 1591. Springer, Singapore. https://doi.org/10.1007/978-981-95-0681-1_24, 2025

E. Publicațiile în extenso apărute în lucrări ale conferințelor internaționale indexate IEEE Xplore

- E.1.1. Jadav N., Dutta N., Sarma H.K.D, **Pricop E.**, Tanwar S., *A Machine Learning Approach to Classify Network Traffic*, Proceedings of the 13th International Conference on Electronics, Computers & Artificial Intelligence, ECAI 2021, 1-3 iulie 2021, Pitesti, Romania, pp. 1-6, ISBN: 978-1-6654-2534-6, DOI: [10.1109/ECAI52376.2021.9515039](https://doi.org/10.1109/ECAI52376.2021.9515039)
- E.1.2. Gupta R., Rathod T., Reebadiya D., Tanwar S., Bhattacharya P., **Pricop E.**, *FaitH: Trusted Chain Network for Non-Cooperative D2D Communication Underlying HetNet*, Proceedings of the 13th International Conference on Electronics, Computers & Artificial Intelligence, ECAI 2021, 1-3 iulie 2021, Pitesti, Romania, pp. 1-6, ISBN: 978-1-6654-2534-6, DOI: [10.1109/ECAI52376.2021.9515132](https://doi.org/10.1109/ECAI52376.2021.9515132)
- E.1.3. Shyamsukha S., Bhattacharya P., Patel F., Tanwar S., Gupta R., **Pricop E.**, *PoRF: Proof-of-Reputation-based Consensus Scheme for Fair Transaction Ordering*, Proceedings of the 13th International Conference on Electronics, Computers & Artificial Intelligence, ECAI 2021, 1-3 iulie 2021, Pitesti, Romania, pp. 1-6, ISBN: 978-1-6654-2534-6, DOI: [10.1109/ECAI52376.2021.9515090](https://doi.org/10.1109/ECAI52376.2021.9515090)
- E.1.4. Ghayoula R., Fattahi J., Smida A., El Gmati I., Pricop E., Ziadia M., *FPGA Implementation of SIMON-128 Cryptographic Algorithm Using Artix-7*, Proceedings of the 14th International Conference on Electronics, Computers and Artificial Intelligence – ECAI 2022, Ploiesti, Romania, 2022, pp. 1-5, doi: [10.1109/ECAI54874.2022.9847520](https://doi.org/10.1109/ECAI54874.2022.9847520)
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F. Alte lucrări și contribuții

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- F.1.1. **Pricop E.** - *Security of industrial control systems – An emerging issue in Romania national defense*, „Mircea cel Bătrân” Naval Academy Scientific Bulletin, Vol. 18, Nr. 2, pag. 142 - 147 , ISSN: 1454-864X, 2015
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