

Lista publicațiilor

1 Journal Papers

1. Ciprian Oprîsa, Dragoș Gavriluț, and George Cabău. A scalable approach for detecting plagiarized mobile applications. *Knowledge and Information Systems*, pages 1–27, 2015. ISI journal, impact factor 1.702
2. Ciprian Oprîsa, George Cabău, and Gheorghe Sebestyen Pal. Malware clustering using suffix trees. *Journal of Computer Virology and Hacking Techniques*, pages 1–10, 2014.
3. Ciprian Oprîsa, George Cabău, and Adrian Colesă. Automatic code features extraction using bio-inspired algorithms. *Journal of Computer Virology and Hacking Techniques*, 10(3):165–176, 2014.
4. Cristina Bianca Pop, Viorica Rozina Chifu, Ioan Salomie, Mihaela Dinsoreanu, Tudor David, Vlad Acretoiae, Aliz Nagy, and Ciprian Oprîsa. Biologically-inspired clustering of semantic web services. birds or ants intelligence? *Concurrency and Computation: Practice and Experience*, 24 (6):619–633, April 2012. ISSN 1532-0626. 10.1002/cpe.1853.

2 Conference Papers

5. Ciprian Oprîsa, Marius Checicheș, and Adrian Năndrean. Locality-sensitive hashing optimizations for fast malware clustering. In *Intelligent Computer Communication and Processing (ICCP), 2014 IEEE International Conference on*, pages 97–104, Cluj-Napoca, Romania, 2014. IEEE.
6. Ciprian Oprîsa. A minhash approach for clustering large collections of binary programs. In *Control Systems and Computer Science (CSCS), 2015 20th International Conference on*, pages 157–163, Bucharest, Romania, 2015. IEEE.
7. Ciprian Oprîsa, George Cabău, and Gheorghe Sebestyen Pal. Semi-automated verdicts assignment for potentially malicious programs. In *Intelligent Computer Communication and Processing (ICCP), 2015 IEEE International Conference on*, Cluj-Napoca, Romania, 2015. IEEE.
8. Ciprian Oprîsa and Nicolae Ignat. A measure of similarity for binary programs with a hierarchical structure. In *Intelligent Computer Communication and Processing (ICCP), 2015 IEEE International Conference on*, Cluj-Napoca, Romania, 2015. IEEE.
9. Ciprian Oprîsa, George Cabău, and Gheorghe Sebestyen Pal. Multi-centroid cluster analysis in malware research. In *EVOLVE 2015 International Conference*, Iasi, Romania, 2015.
10. Ciprian Oprîsa, George Cabău, and Gheorghe Sebestyen Pal. A new string distance for computing binary code similarities. In *Intelligent Computer Communication and Processing (ICCP), 2014 IEEE International Conference on*, pages 91–96, Cluj-Napoca, Romania, 2014. IEEE.
11. Ciprian Oprîsa, George Cabău, and Adrian Colesă. Automatic code features extraction using bio-inspired algorithms. *EICAR Annual Conference*, 2013. received Best Paper Award
12. Ciprian Oprîsa, George Cabău, and Adrian Colesă. From plagiarism to malware detection. In *Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), 2013 15th International Symposium on*, pages 227–234, Timisoara, Romania, 2013. IEEE.
13. Ciprian Oprîsa, Adrian Colesă, and Iosif Ignat. A metric for evaluating the usability of file systems. In *Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), 2012 14th International Symposium on*, pages 179–186, Timisoara, Romania, 2012. IEEE.

14. Aliz Nagy, Ciprian Oprisa, Ioan Salomie, Cristina Bianca Pop, Viorica Rozina Chifu, and Mihaela Dinșoreanu. Particle swarm optimization for clustering semantic web services. In *Parallel and Distributed Computing (ISPDC), 2011 10th International Symposium on*, pages 170–177, Cluj-Napoca, Romania, 2011. IEEE.
15. George Cabău, Magda Buhu, and Ciprian Oprisa. Malware classification using filesystem footprints. In *Automation, Quality and Testing, Robotics, 2016 IEEE International Conference on*, Cluj-Napoca, Romania, 2016.
16. George Cabău, Magda Buhu, and Ciprian Oprisa. Malware classification based on dynamic behavior. In *Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), 2016 2016 18th International Symposium on*, Timisoara, Romania, 2016.

3 Short Papers

17. Ciprian Oprisa, George Cabău, and Gheorghe Sebestyen Pal. Security threats for embedded systems: Issues and solutions. In *Automation, Quality and Testing, Robotics, 2014 IEEE International Conference on*, Cluj-Napoca, Romania, 2014.

4 Non-Academic Papers

18. Ciprian Oprisa and George Cabău. Pos malware: Are we really defenseless? In *17th Association of Anti-Virus Asia Researchers International Conference: Security Down Under*, Sydney, Australia, 2014.
19. Ciprian Oprisa, George Cabău, and Andrea Takacs. The ransomware strikes back. In *Virus Bulletin conference*, Berlin, Germany, 2013.
20. George Cabău, Radu Basaraba, Dragoș Gavriluț, and Ciprian Oprisa. Smart outlets. why we need responsible disclosure! In *Virus Bulletin conference*, Denver, USA, 2016.

A handwritten blue ink signature, likely belonging to the author, is placed here.

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Nr. ieșire: 64, 9.01.2017

**Atestarea participării în proiectele de C-D co-finanțate din Fondurile Structurale,
de Coeziune și naționale**

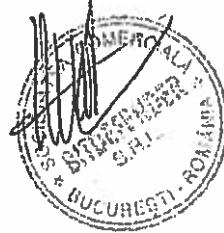
Prin prezenta atestăm că:

Ciprian OPRIŞA

a participat în cadrul următorului proiect:

Nr.	Titlul proiectului	Program	Poziția în cadrul proiectului	Perioada de implementare	Valoarea proiectului (Lei)
1.	<i>CIPSEC - Enhancing Critical Infrastructure Protection with innovative SECurity framework</i>	Horizon 2020	Cercetător	Mai 2016 – Aprilie 2019	1.653.750

Reprezentant legal,
Nicoleta REITU



TITLUL LUCRĂRILOR DE LABORATOR PENTRU CATEGORIA I.B.

- Programare în Limbaj de Asamblare
 - Arhitectura Intel x86 și elemente de bază ale limbajului de asamblare
 - Utilizarea bibliotecilor de funcții
 - Scrierea de macrouri și proceduri
- Programare Logică
 - Interfacing Prolog with External Programs
- Structuri de Date Masive și Securitatea Calculatoarelor
 - Analiza sentimentelor din tweet-uri
 - SQL și motoare de căutare
 - Extragerea secvențelor de OpCodes din executabile
 - Stocarea și filtrarea n-gramelor
 - Tehnici avansate de căutare
 - Tehnici de clustering
 - Algoritmul PageRank
 - Regresia liniară
 - Clasificatori

