Список литературы

- [1] K. Vorobyov, F. Gauthier, S. Bae, P. Krishnan, and R. O'Donoghue in H. V. Leong, S. S. Sarvestani, Y. Teranishi, A. Cuzzocrea, H. Kashiwazaki, D. Towey, J. Yang, and H. Shahriar, Eds., 46th IEEE Annual Computers, Software, and Applications Conferenc, COMPSAC 2022, Los Alamitos, CA, USA, June 27 July 1, 2022, pages 736-745. IEEE, 2022.
- [2] F. Gauthier, B. Hassanshahi, B. Selwyn-Smith, T. N. Mai, M. Schlüter, and M. Williams in K. Ali and J. Vitek, Eds., 36th European Conference on Object-Oriented Programming, ECOOP 2022, June 6-10, 2022, Berlin, Germany, Vol. 222 of LIPIcs, pages 29:1–29:30. Schloss Dagstuhl - Leibniz-Zentrum für Informatik, 2022.
- [3] F. Gauthier, V. C. Gogineni, S. Werner, Y. Huang, and A. Kuh in *IEEE International Conference on Communications, ICC 2022, Seoul, Korea, May 16-20, 2022*, pages 2828–2833. IEEE, 2022.
- [4] F. Gauthier and S. Bae in 44th IEEE/ACM International Conference on Software Engineering: New Ideas and Emerging Results ICSE (NIER) 2022, Pittsburgh, PA, USA, May 22-24, 2022, pages 71–75. IEEE, 2022.
- [5] F. Gauthier and S. Bae, CoRR, abs/2204.09388 (2022). Runtime prevention of deserialization attacks.
- [6] N. Allen, F. Gauthier, and A. Jordan, CoRR, abs/2103.16240 (2021). IFDS taint analysis with access paths.
- [7] F. Gauthier, B. Hassanshahi, B. Selwyn-Smith, T. N. Mai, M. Schlüter, and M. Williams, CoRR, abs/2108.08455 (2021). Backrest: A model-based feedback-driven greybox fuzzer for web applications.
- [8] F. Gauthier, V. C. Gogineni, S. Werner, Y. Huang, and A. Kuh, CoRR, abs/2111.13931 (2021).
 Resource-aware asynchronous online federated learning for nonlinear regression.
- [9] F. Gauthier, C. Gratton, N. K. D. Venkategowda, and S. Werner in M. B. Matthews, Ed., 54th Asilomar Conference on Signals, Systems, and Computers, ACSCC 2020, Pacific Grove, CA, USA, November 1-4, 2020, pages 42–46. IEEE, 2020.
- [10] F. Gauthier, A. Jordan, P. Krishnan, B. Hassanshahi, J. G. Süß, S. Bae, and H. Lee in C. Izurieta, M. Galster, and M. Felderer, Eds., TechDebt '20: International Conference on Technical Debt, Seoul, Republic of Korea, June 28-30, 2020, pages 98-102. ACM, 2020.
- [11] A. Jordan, F. Gauthier, B. Hassanshahi, and D. Zhao in P. Mardziel and N. Vazou, Eds., Proceedings of the 14th ACM SIGSAC Workshop on Programming Languages and Analysis for Security, CCS 2019, London, United Kingdom, November 11-15, 2019, pages 19-30. ACM, 2019.
- [12] B. B. Nielsen, B. Hassanshahi, and F. Gauthier in M. Dumas, D. Pfahl, S. Apel, and A. Russo, Eds., Proceedings of the ACM Joint Meeting on European Software Engineering Conference and Symposium on the Foundations of Software Engineering, ESEC/SIGSOFT FSE 2019, Tallinn, Estonia, August 26-30, 2019, pages 455-465. ACM, 2019.
- [13] R. Amadini, G. Gange, F. Gauthier, A. Jordan, P. Schachte, H. Søndergaard, P. J. Stuckey, and C. Zhang, *Fundam. Informaticae*, **158**(4), 297–326 (2018). Reference abstract domains and applications to string analysis.
- [14] J. Dietrich, F. Gauthier, and P. Krishnan in 25th Australasian Software Engineering Conference, ASWEC 2018, Adelaide, Australia, November 26-30, 2018, pages 121–125. IEEE Computer Society, 2018.
- [15] F. Gauthier, B. Hassanshahi, and A. Jordan in J. Dolby, W. G. J. Halfond, and A. Mishra, Eds., Companion Proceedings for the ISSTA/ECOOP 2018 Workshops, ISSTA 2018, Amsterdam, Netherlands, July 16-21, 2018, pages 94-99. ACM, 2018.

- [16] F. Gauthier, N. Keynes, N. Allen, D. Corney, and P. Krishnan in 2018 IEEE Cybersecurity Development, SecDev 2018, Cambridge, MA, USA, September 30 - October 2, 2018, page 134. IEEE Computer Society, 2018.
- [17] L. Brent, A. Jurisevic, M. Kong, E. Liu, F. Gauthier, V. Gramoli, R. Holz, and B. Scholz, *CoRR*, **abs/1809.03981** (2018). Vandal: A scalable security analysis framework for smart contracts.
- [18] A. Jordan, F. Gauthier, B. Hassanshahi, and D. Zhao, CoRR, abs/1810.12490 (2018). SAFE-PDF: robust detection of javascript PDF malware using abstract interpretation.
- [19] R. Amadini, A. Jordan, G. Gange, F. Gauthier, P. Schachte, H. Søndergaard, P. J. Stuckey, and C. Zhang in A. Legay and T. Margaria, Eds., Tools and Algorithms for the Construction and Analysis of Systems - 23rd International Conference, TACAS 2017, Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2017, Uppsala, Sweden, April 22-29, 2017, Proceedings, Part I, Vol. 10205 of Lecture Notes in Computer Science, pages 41-57, 2017.
- [20] A. Steinhauser and F. Gauthier in T. C. Murray and D. Stefan, Eds., Proceedings of the 2016 ACM Workshop on Programming Languages and Analysis for Security, PLAS@CCS 2016, Vienna, Austria, October 24, 2016, pages 57–68. ACM, 2016.
- [21] Z. Han, M. Mérineau, F. Gauthier, E. Merlo, X. Li, and E. Stroulia in J. Gould, M. Litoiu, and H. Lutfiyya, Eds., Proceedings of 25th Annual International Conference on Computer Science and Software Engineering, CASCON 2015, Markham, Ontario, Canada, 2-4 November, 2015, pages 261–264. IBM / ACM, 2015.
- [22] F. Gauthier, G. Abdul-Nour, and D. Lagacé, *Comput. Ind. Eng.*, **78**, 234 (2014). Special issue: IE in healthcare.
- [23] F. Gauthier, E. Merlo, E. Stroulia, and D. Turner in 30th IEEE International Conference on Software Maintenance and Evolution, Victoria, BC, Canada, September 29 October 3, 2014, pages 506–510. IEEE Computer Society, 2014.
- [24] F. Gauthier, T. Lavoie, and E. Merlo in C. N. P. Jr., Ed., Annual Computer Security Applications Conference, ACSAC '13, New Orleans, LA, USA, December 9-13, 2013, pages 209–218. ACM, 2013.
- [25] F. Gauthier and E. Merlo in D. Notkin, B. H. C. Cheng, and K. Pohl, Eds., 35th International Conference on Software Engineering, ICSE '13, San Francisco, CA, USA, May 18-26, 2013, pages 1169–1172. IEEE Computer Society, 2013.
- [26] F. Gauthier, D. Gélinas, and P. Marcotte, Comput. Ind. Eng., 62(3), 762–769 (2012). Vibration of portable orbital sanders and its impact on the development of work-related musculoskeletal disorders in the furniture industry.
- [27] F. Gauthier and E. Merlo in T. Mens, A. Cleve, and R. Ferenc, Eds., 16th European Conference on Software Maintenance and Reengineering, CSMR 2012, Szeged, Hungary, March 27-30, 2012, pages 397–402. IEEE Computer Society, 2012.
- [28] F. Gauthier and E. Merlo in 12th IEEE International Working Conference on Source Code Analysis and Manipulation, SCAM 2012, Riva del Garda, Italy, September 23-24, 2012, pages 44-53. IEEE Computer Society, 2012.
- [29] D. Letarte, F. Gauthier, E. Merlo, N. Sutyanyong, and C. Zuzarte in E. Lo and F. Waas, Eds., Proceedings of the Fifth International Workshop on Testing Database Systems, DBTest 2012, Scottsdale, AZ, USA, May 21, 2012, page 5. ACM, 2012.
- [30] F. Gauthier and E. Merlo in 19th Working Conference on Reverse Engineering, WCRE 2012, Kingston, ON, Canada, October 15-18, 2012, pages 247–256. IEEE Computer Society, 2012.
- [31] D. Letarte, F. Gauthier, and E. Merlo in Fourth IEEE International Conference on Software Testing, Verification and Validation, ICST 2011, Berlin, Germany, March 21-25, 2011, pages 289–298. IEEE Computer Society, 2011.

[32] F. Gauthier, D. Letarte, T. Lavoie, and E. Merlo in Ninth Annual Conference on Privacy, Security and Trust, PST 2011, 19-21 July, 2011, Montreal, Québec, Canada, pages 44–51. IEEE, 2011.