Список литературы

[1] Vorobyov, K, Gauthier, F, Bae, S, Krishnan, P, & O'Donoghue, R. (2022) *Synthesis of Java Deserialisation Filters from Examples* eds. Leong, H. V, Sarvestani, S. S, Teranishi, Y, Cuzzocrea, A, Kashiwazaki, H, Towey, D, Yang, J, & Shahriar, H. (IEEE), pp. 736–745.

[2] Gauthier, F, Hassanshahi, B, Selwyn-Smith, B, Mai, T. N, Schlüter, M, & Williams, M. (2022) *Experience: Model-Based, Feedback-Driven, Greybox Web Fuzzing with BackREST*, LIPIcs eds. Ali, K & Vitek, J. (Schloss Dagstuhl - Leibniz-Zentrum für Informatik), Vol. 222, pp. 29:1–29:30.

[3] Gauthier, F, Gogineni, V. C, Werner, S, Huang, Y, & Kuh, A. (2022) *Resource-Aware Asynchronous Online Federated Learning for Nonlinear Regression.* (IEEE), pp. 2828–2833.

[4] Gauthier, F & Bae, S. (2022) *Runtime Prevention of Deserialization Attacks.* (IEEE), pp. 71–75.

[5] Gauthier, F & Bae, S. (2022) Runtime prevention of deserialization attacks. *CoRR* **abs/2204.09388**.

[6] Allen, N, Gauthier, F, & Jordan, A. (2021) IFDS taint analysis with access paths. *CoRR* **abs/2103.16240**.

[7] Gauthier, F, Hassanshahi, B, Selwyn-Smith, B, Mai, T. N, Schlüter, M, & Williams, M. (2021) Backrest: A model-based feedback-driven greybox fuzzer for web applications. *CoRR* **abs/2108.08455**.

[8] Gauthier, F, Gogineni, V. C, Werner, S, Huang, Y, & Kuh, A. (2021) Resource-aware asynchronous online federated learning for nonlinear regression. *CoRR* **abs/2111.13931**.

[9] Gauthier, F, Gratton, C, Venkategowda, N. K. D, & Werner, S. (2020) *Privacy-Preserving Distributed Learning with Nonsmooth Objective Functions* ed. Matthews, M. B. (IEEE), pp. 42–46.

[10] Gauthier, F, Jordan, A, Krishnan, P, Hassanshahi, B, Süß, J. G, Bae, S, & Lee, H. (2020) *Trade-offs in managing risk and technical debt in industrial research labs: an experience report* eds. Izurieta, C, Galster, M, & Felderer, M. (ACM), pp. 98–102.

[11] Jordan, A, Gauthier, F, Hassanshahi, B, & Zhao, D. (2019) *Unacceptable Behavior: Robust PDF Malware Detection Using Abstract Interpretation* eds. Mardziel, P & Vazou, N. (ACM), pp. 19–30.

[12] Nielsen, B. B, Hassanshahi, B, & Gauthier, F. (2019) *Nodest: feedback-driven static analysis of Node.js applications* eds. Dumas, M, Pfahl, D, Apel, S, & Russo, A. (ACM), pp. 455–465.

[13] Amadini, R, Gange, G, Gauthier, F, Jordan, A, Schachte, P, Søndergaard, H, Stuckey, P. J, & Zhang, C. (2018) Reference abstract domains and applications to string analysis. *Fundam. Informaticae* **158**, 297–326.

[14] Dietrich, J, Gauthier, F, & Krishnan, P. (2018) *Driver Generation for Java EE Web Applications.* (IEEE Computer Society), pp. 121–125.

[15] Gauthier, F, Hassanshahi, B, & Jordan, A. (2018) *AFFOGATO: runtime detection of injection attacks for Node.js* eds. Dolby, J, Halfond, W. G. J, & Mishra, A. (ACM), pp. 94–99.

[16] Gauthier, F, Keynes, N, Allen, N, Corney, D, & Krishnan, P. (2018) *Scalable Static Analysis to Detect Security Vulnerabilities: Challenges and Solutions.* (IEEE Computer Society), p. 134.

[17] Brent, L, Jurisevic, A, Kong, M, Liu, E, Gauthier, F, Gramoli, V, Holz, R, & Scholz, B. (2018) Vandal: A scalable security analysis framework for smart contracts. *CoRR* **abs/1809.03981**.

[18] Jordan, A, Gauthier, F, Hassanshahi, B, & Zhao, D. (2018) SAFE-PDF: robust detection of javascript PDF malware using abstract interpretation. *CoRR* **abs/1810.12490**.

[19] Amadini, R, Jordan, A, Gange, G, Gauthier, F, Schachte, P, Søndergaard, H, Stuckey, P. J, & Zhang, C. (2017) *Combining String Abstract Domains for JavaScript Analysis: An Evaluation*, Lecture Notes in Computer Science eds. Legay, A & Margaria, T. Vol. 10205, pp. 41–57.

[20] Steinhauser, A & Gauthier, F. (2016) *JSPChecker: Static Detection of Context-Sensitive Cross-Site Scripting Flaws in Legacy Web Applications* eds. Murray, T. C & Stefan, D. (ACM), pp. 57–68.

[21] Han, Z, Mérineau, M, Gauthier, F, Merlo, E, Li, X, & Stroulia, E. (2015) *Evolutionary analysis of access control models: a formal concept analysis method* eds. Gould, J, Litoiu, M, & Lutfiyya, H. (IBM / ACM), pp. 261–264.

[22] Gauthier, F, Abdul-Nour, G, & Lagacé, D. (2014) Special issue: IE in healthcare. *Comput. Ind. Eng.* **78**, 234.

[23] Gauthier, F, Merlo, E, Stroulia, E, & Turner, D. (2014) *Supporting Maintenance and Evolution of Access Control Models in Web Applications.* (IEEE Computer Society), pp. 506–510.

[24] Gauthier, F, Lavoie, T, & Merlo, E. (2013) *Uncovering access control weaknesses and flaws with security-discordant software clones* ed. Jr., C. N. P. (ACM), pp. 209–218.

[25] Gauthier, F & Merlo, E. (2013) *Semantic smells and errors in access control models: a case study in PHP* eds. Notkin, D, Cheng, B. H. C, & Pohl, K. (IEEE Computer Society), pp. 1169–1172.

[26] Gauthier, F, Gélinas, D, & Marcotte, P. (2012) Vibration of portable orbital sanders and its impact on the development of work-related musculoskeletal disorders in the furniture industry. *Comput. Ind. Eng.* **62**, 762–769.

[27] Gauthier, F & Merlo, E. (2012) *Investigation of Access Control Models with Formal Concept Analysis: A Case Study* eds. Mens, T, Cleve, A, & Ferenc, R. (IEEE Computer Society), pp. 397–402.

[28] Gauthier, F & Merlo, E. (2012) *Alias-Aware Propagation of Simple Pattern-Based Properties in PHP Applications.* (IEEE Computer Society), pp. 44–53.

[29] Letarte, D, Gauthier, F, Merlo, E, Sutyanyong, N, & Zuzarte, C. (2012) *Targeted genetic test SQL generation for the DB2 database* eds. Lo, E & Waas, F. (ACM), p. 5.

[30] Gauthier, F & Merlo, E. (2012) *Fast Detection of Access Control Vulnerabilities in PHP Applications.* (IEEE Computer Society), pp. 247–256.

[31] Letarte, D, Gauthier, F, & Merlo, E. (2011) *Security Model Evolution of PHP Web Applications.* (IEEE Computer Society), pp. 289–298.

[32] Gauthier, F, Letarte, D, Lavoie, T, & Merlo, E. (2011) *Extraction and comprehension of moodle's access control model: A case study.* (IEEE), pp. 44–51.