



João Pedro Menoita Henriques [0000-0001-7380-9511](#) • [BB15-BFE2-17AA](#)
INSTITUTO POLITÉCNICO DE VISEU • Escola Superior de Tecnologia e Gestão de Viseu

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Henriques, J., Caldeira, F. (2022). A Model for Planning TELCO Work-Field Activities Enabled by Genetic and Ant Colony Algorithms. International Journal of Interactive Multimedia and Artificial Intelligence, 7(6), 24-30. DOI: [10.9781/ijimai.2022.08.011](#)

Henriques, J., Caldeira, F., Cruz, T., Simões, P. (2022). An automated closed-loop framework to enforce security policies from anomaly detection. Computers & Security, 123, 102949. <https://doi.org/10.1016/j.cose.2022.102949>

Rosa, L., Cruz, T., Freitas, M. B., Quitério, P., Henriques, J., Caldeira, F., Monteiro, E., Simões, P. (2021). Intrusion and anomaly detection for the next-generation of industrial automation and control systems.____



Future Generation Computer Systems, (119), 50-67. DOI: [10.1016/j.future.2021.01.033](https://doi.org/10.1016/j.future.2021.01.033)

Henriques, J., Caldeira, F., Cruz, T., Simões, P. (2020). Combining K-Means and XGBoost models for anomaly detection using log datasets. Electronics, 9(7), 1164. DOI: [10.3390/electronics9071164](https://doi.org/10.3390/electronics9071164)

Artigos em Revistas

Henriques, J., Caldeira, F., Cruz, T., Simões, P. (2019). On the Use of Ontology Data for Protecting Critical Infrastructures. Journal of Information Warfare, 17(4), 38-55. Retrieved from <https://www.jinfowar.com/journal/volume-17-issue-4/use-ontology-data-protecting-critical-infrastructures>

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