

# Risk Management & Cyber Security

## Publications 2024

- Akers, D., Blomquist, T., Niedziela, J., Šebok, S., Van den Hout, N.J., Bouma, D., Treur, J., Roelofsma, P.H.M.P. (2024). Organizational Response to APT attacks: Computational Analysis by Behavioral Network Modelling. In: Proc. of the Third International Conference on Information Systems for Business Management. Lecture Notes in Networks and Systems, Springer Nature. <https://www.researchgate.net/publication/382061930>
- Börcsök, T., Bos, M., Buter, W., Van Der Hoeven, D., Velez, A., Van den Hout, N.J., Bouma, D., Treur, J., Roelofsma, P.H.M.P. (2024). Adaptive Defence Mechanisms: An Adaptive Network Model to Protect HiX Systems Against Cyber Attacks. In: Proc. of the 8th International Conference on Computational Methods in Systems and Software, CoMeSySo'24. Lecture Notes in Networks and Systems, Springer Nature. <https://www.researchgate.net/publication/382739769>
- Bouma, D., Hoffmans, C., Van den Hout, N.J., Zwarts, N., Treur, J., Roelofsma, P.H.M.P. (2024). Cyber Security in Hospitals: A Network-Oriented Model for Behavioural Learning of Employees during Phishing Simulations. In: Proc. of the 17th International Conference on Computational Intelligence in Security for Information Systems, CISIS'24. Lecture Notes in Networks and Systems, Springer Nature. <https://www.researchgate.net/publication/382186841>
- Bouma, D., Den Oudsten, T., Naffakh, A., Waliji, M., Treur, J., Roelofsma, P.H.M.P. (2024). Cyber Risk Management and Organisational Alignment Using Endley's Risk Management Model: Computational Analysis from an Adaptive Dynamical System Perspective. In: Proc. of the 8th International Conference on Computational Methods in Systems and Software, CoMeSySo'24. Lecture Notes in Networks and Systems, Springer Nature. <https://www.researchgate.net/publication/382739842>
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- Jeffery, E., Malsagov, U., Tijssen, N., Zeisig, A., Hoffmans, C., Treur, J., Roelofsma, P.H.M.P. (2024). Computational Analysis of the Effectiveness of the Intelligence Cycle for Organizational Cyber Risk Management. Proc. of the Third International Conference on Information Systems for Business Management. Lecture Notes in Networks and Systems, Springer Nature <https://www.researchgate.net/publication/382060508>
- Keijzer, S., Lichtenbergh, D., Marsman, T., Voorhoeve, S., Zwarts, N., Bouma, D., Treur, J., Roelofsma, P.H.M.P. (2024). Managing Classified Information by a Third-Party Contractor: A Computational Cybersecurity Analysis. In: Proc. of the Third International Conference on Information Systems for Business Management. Lecture Notes in Networks and Systems, Springer Nature. <https://www.researchgate.net/publication/382061594>
- Roelofsma, P.H.M.P, Treur, J. (2024). Computational Analysis to Support Safety and Security through Cyberspace using Shared Mental Models and Organisational Learning. In:Roelofsma, P.H.M.P., Jabeen, F., Taal, H.R., Treur, J. (eds.), Using Shared Mental Models and Organisational Learning to Support Safety and Security through Cyberspace: a Computational Analysis Approach. Springer Nature. <https://www.researchgate.net/publication/383001824>
- Roelofsma, P.H.M.P, Treur, J. (2024). Towards an AI Coach for Risk Management and Cybersecurity in Health Systems. In: Roelofsma, P.H.M.P., Jabeen, F., Taal, H.R., Treur, J. (eds.), Using Shared Mental Models and Organisational Learning to Support Safety and Security

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- Van den Hout, N.J., Bouma, D., Hoffmans, C., Zwarts, N., Bouma, D., Treur, J., Roelofsma, P.H.M.P. (2024). Addressing Organizational Cyber Security Challenges in Healthcare using Adaptive Network-Oriented Modeling. Approach. Springer Nature.

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