



Online

Publikationen

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https://www.researchgate.net/profile/Markus_Wagner12

Books

- [1] Wagner, M., "Simulation mittels Masse-Feder-Systemen: Parallelisierte Simulation einer Flüssigkeitsoberfläche mittels Masse-Feder-Systemen", *Reihe Realwissenschaften*, Saarbrücken, AV Akademikerverlag, pp. 103, 2013.

Book Chapters

- [1] Wagner, M., D. Sacha, A. Rind, F. Fischer, R. Luh, S. Schrittwieser, D. A. Keim, and W. Aigner, "Visual Analytics: Foundations and Experiences in Malware Analysis", *Empirical Research for Software Security: Foundations and Experience*: CRC/Taylor and Francis, pp. 139-171, 2017.
- [2] Rind, A., P. Federico, T. Gschwandtner, W. Aigner, J. Doppler, and M. Wagner, "Visual Analytics of Electronic Health Records with a Focus on Time", *New Perspectives in Medical Records: Meeting the Needs of Patients and Practitioners*, Cham, Springer, pp. 65-77, 2017.

Journal Articles

- [1] Luh, R., G. Schramm, M. Wagner, H. Janicke, and S. Schrittwieser, "SEQUIN: a grammar inference framework for analyzing malicious system behavior", *Journal of Computer Virology and Hacking Techniques*, pp. 01 - 21, 03/2018.
- [2] Wagner, M., D. Slijepcevic, Brian Horsak, A. Rind, M. Zeppelzauer, and W. Aigner, "KAVAGait: Knowledge-Assisted Visual Analytics for Clinical Gait Analysis", *IEEE Transactions on Visualization and Computer Graphics (TVCG)*, vol. Early Access, 02/2018.
- [3] Wagner, M., A. Rind, N. Thür, and W. Aigner, "A Knowledge-Assisted Visual Malware Analysis System: Design, Validation, and Reflection of KAMAS", *Computers & Security*, vol. 67, pp. 1-15, 02/2017.
- [4] Rind, A., W. Aigner, M. Wagner, S. Miksch, and T. Lammarsch, "Task Cube: A Three-Dimensional Conceptual Space of User Tasks in Visualization Design and Evaluation", *Information Visualization*, vol. 15, issue 4, pp. 288-300, 10/2016.

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- [1] Aigner, W., A. Rind, and M. Wagner, "KAVA-Time: Knowledge-Assisted Visual Analytics Methods for Time-Oriented Data", *Tagungsband des 12. Forschungsforum der österreichischen Fachhochschulen (FFH) 2018*, In Press.
- [2] Niederer, C., K. Blumenstein, M. Wagner, S. Emerich, and W. Aigner, "Visualizing Text Data in Space and Time to Augment a Political News Broadcast on a Second Screen", *9th International Conference on Information Visualization Theory and Applications (IVAPP 2018)*, Madeira, SCITEPRESS, In Press.
- [3] Thür, N., M. Wagner, J. Schick, C. Niederer, J. Eckel, R. Luh, and W. Aigner, "BiG2-KAMAS: Supporting Knowledge-Assisted Malware Analysis with Bi-Gram Based Valuation", *Poster of the 14th Workshop on Visualization for Cyber Security (VizSec)*, Phoenix, Arizona, USA, 10/2017.
- [4] Thür, N., M. Wagner, J. Schick, C. Niederer, J. Eckel, R. Luh, and W. Aigner, "A Bigram Supported Generic Knowledge-Assisted Malware Analysis System: BiG2-KAMAS", *Proceedings of the 10th Forum Media Technology 2017*, St. Pölten, CEUR-WS, pp. 107-115, 11/2017.
- [5] Grassinger, F., J. Doppler, M. Wagner, and W. Aigner, "LifeStream: Design and prototypical implementation of a monitoring system for dispatch life support", *Proceedings of the 10th Forum Media Technology 2017*, St. Pölten, CEUR-WS, pp. 41-45, 11/2017.
- [6] Rind, A., A. Haberson, K. Blumenstein, C. Niederer, M. Wagner, and W. Aigner, "PubViz: Lightweight Visual Presentation of Publication Data", *Proc. Eurographics Conf. Visualization (EuroVis) – Short Paper: EuroGraphics*, pp. 169-173, 06/2017.
- [7] Rottermann, G., M. Wagner, V. Settgast, V. Grantz, M. Iber, U. Kriegshaber, W. Aigner, P. Judmaier, and E. Eggeling, "Requirements Analysis & Concepts for Future European Air Traffic Control Systems", *Workshop Vis in Practice - Visualization Solutions in the Wild, IEEE VIS 2017*, Phoenix, Arizona USA, IEEE, 10/2017.
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- [11] Schick, J., M. Wagner, N. Thür, C. Niederer, G. Rottermann, P. Tavalato, and W. Aigner, "Supporting Knowledge-assisted Rule Creation in a Behavior-based Malware Analysis Prototype", *Poster of the 14th Workshop on Visualization for Cyber Security (VizSec)*, Phoenix, Arizona, USA, 10/2017.
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- [16] Kromer, L., M. Wagner, K. Blumenstein, A. Rind, and W. Aigner, "Performance Comparison between Unity and D3.js for Cross-Platform Visualization on Mobile Devices", *Proceedings of the 9th Forum Media Technology 2016: CEUR-WS*, pp. 47-52, 11/2016.
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- [1] Wagner, M., "Integrating Explicit Knowledge in the Visual Analytics Process: Model and Case Studies on Time-oriented Data", Faculty of Informatics, Wien, TU Wien, pp. 346, 06/2017.
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