

List of Publications

- Pu, L., D'Huyvetter, P., Algera, E., Lusi, B., **Tabone, W.**, Helder, O., Ista, E., Abbink, D., Wallenburg, I., Wehrens, R., Derks, D., Rozendaal, M. C., Verhoef, E., Forster, D., & van Dijk, M. (2026). [Technological innovations with and for nurses: Insights from a transdisciplinary initiative](#). *Manuscript in review*.
- Tabone, W.**, Lusi, B., Ianniello, A., Prendergast, J. M., Forster, D., Siebinga, O., Lupetti, M. L., Verhoef, E., Murray-Rust, D., Rozendaal, M. C., Pendleton-Jullian, A. M., & Abbink, D. (2026). [Third international workshop on worker-robot relations: Futuring worker empowerment through worldbuilding around human-robot interactions](#). Companion Proceedings of the 21st ACM/IEEE International Conference on Human-Robot Interaction (HRI Companion '26), Edinburgh, Scotland.
- Tabone, W.**, De Winter, J., Zhang, R., Wickens, C. D., Van de Ruit, M., & Eisma, Y. B. (2025). [Embodied sampling: An augmented reality investigation of visual attention](#). *Manuscript in review*.
- Yang, Y., Lee, Y. M., **Tabone, W.**, García, J., Happee, R., De Winter, J., & Merat, N. (2025). [The effect of Augmented Reality on Pedestrians' Gaze Patterns and Crossing Probability while Interacting with Automated Vehicles](#). *Manuscript in review*.
- Tabone, W.**, Happee, R., Yang, Y., Sadraei, E., García, J., Lee, Y. M., Merat, N., & De Winter, J. C. F. (2024). [Immersive insights: Evaluating augmented reality interfaces for pedestrians in a CAVE-based experiment](#). *Frontiers in Virtual Reality*, 5, 1353941. [Supplementary material 1](#), [Supplementary material 2](#).
- Aleva, T.*, **Tabone, W.***, Dodou, D., & De Winter, J. C. F. (2024). [Augmented reality for supporting the interaction between pedestrians and automated vehicles: An experimental outdoor study](#). *Frontiers in Robotics and AI*, 11, 1324060. [Supplementary material](#).
- Figalova, N., Mbelekani, N.Y., Yang, Y., Cheng, Y.C., **Tabone, W.**, Kalantari, A.H., Mohammadi, A., Yang, X. (2023). [SHAPE-IT Deliverable D1.4: An extension of the human-factors methodological toolbox for human-AV interaction design research](#).
- De Winter, J. C. F., Berge, S. H., **Tabone, W.**, Yang, Y., Muhammad, A. P., Jokhio, S., & Hagenzieker, M. P. (2023). [SHAPE-IT Deliverable D2.5: Design strategies and prototype HMI designs for pedestrians, cyclists, and non-automated cars](#).
- Block, A., Joshi, S., **Tabone, W.**, Pandya A., Lee, S., Patil, V., Britten, N., & Schmitt, P. (2023). [The Road Ahead: Advancing Interactions between Autonomous Vehicles, Pedestrians, and Other Road Users](#). Proceedings of the 32nd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN). Busan, South Korea.
- Peereboom, J.*, **Tabone, W.***, Dodou, D., & De Winter, J. C. F. (2024). [Head-locked, world-locked, or conformal diminished-reality? An examination of different AR solutions for pedestrian safety in occluded scenarios](#). *Virtual Reality*, 28, 119. [Supplementary material](#).

- Tabone, W.**, & De Winter J. C. F. (2023). [Using ChatGPT for Human-Computer Interaction Research: A Primer](#). Royal Society Open Science, 10, 231053
- Joshi, S., Block, A., **Tabone, W.**, Pandya A., & Schmitt, P. (2023). [Advancing the State of AV-Vulnerable Road User Interaction: Challenges and Opportunities](#). Proceedings of the AAAI 2023 Spring Symposium. Palo Alto, California, United States.
- Tabone, W.**, Happee, R., Garcia, J., Lee, Y. M., Lupetti, M. C., Merat, N., & De Winter, J. C. F. (2023). [Augmented reality interfaces for pedestrian-vehicle interactions: An online study](#). Transportation Research Part F: Traffic Psychology and Behaviour, 94, 170–189. [Supplementary material](#).
- De Winter, J. C. F., Dodou, D., & **Tabone, W.** (2022). [How do people distribute their attention while observing The Night Watch?](#) Perception, 51, 763–788. [Supplementary material](#).
- Merat, N., Yang, Y., Lee, Y. M., Berge, S. H., Figalová, N., Jokhio, S., Peng, C., Mbelekani, N.Y., Nasser, M., Pir Muhammad, A., **Tabone, W.**, Yuan-Cheng, L., & Bärghman, J. (2021). [SHAPE-IT Deliverable 2.2: An overview of interfaces for automated vehicles \(inside/outside\)](#).
- Figalová, N., Mbelekani, N.Y., Zhang, C., Yang, Y., Peng, C., Nasser, M., Yuan-Cheng, L., Pir Muhammad, A., **Tabone, W.**, Berge, S. H., Jokhio, S., He, X., Hossein Kalantari, A., Mohammadi, A., & Yang, X. (2021). [SHAPE-IT Deliverable 1.1: Methodological framework for modelling and empirical approaches](#).
- Tabone, W.**, Lee, Y.M., Merat, N., Happee, R., & De Winter, J.C.F. (2021). [Towards future pedestrian-vehicle interactions: Introducing theoretically-supported AR prototypes](#). Proceedings of the 13th International Conference on Automotive User Interfaces and Interactive Vehicular Applications (pp. 209–218). [Supplementary material](#).
- Tabone, W.**, De Winter, J. C. F., Ackermann, C., Bärghman, J., Baumann, M., Deb, S., Emmenegger, C., Habibovic, A., Hagenzieker, M., Hancock, P. A., Happee, R., Krems, J., Lee, J. D., Martens, M., Merat, N., Norman, D. A., Sheridan, T. B., & Stanton, N. A. (2021). [Vulnerable road users and the coming wave of automated vehicles: Expert perspectives](#). Transportation Research Interdisciplinary Perspectives, 9, 100293.
- Tabone, W.** (2020). [The Effectiveness of an Augmented Reality Guiding System in an Art Museum](#). Rediscovering Heritage Through Technology (pp. 197-214). Springer, Cham.
- Tabone, W.** (2019). [Technology for Cultural Heritage](#). Tesserae Spring Edition]. Heritage Malta.
- Tabone, W.**, Wilkinson, M.H.F., Van Gaalen, A.E.J.V., Georgiadis, J., & Azzopardi, G. (2019). [Alpha-Tree Segmentation of Human Anatomical Photographic Imagery](#). Proceedings of the 2nd International Conference on Applications of Intelligent Systems (pp. 1-6).

Tabone, W., & Seychell, D. (2015). [Recognising Familiar Facial Features In Paintings Belonging to Separate Domains](#). Proceedings of the 16th International Conference on Computer Analysis of Images and Patterns (pp. 125-136).

* denotes equal contribution (joint first authorship).

List of Open Data Sets

- Tabone, W.**, Happee, R., Yang, Y., Sadraei, E., García, J., Lee, Y. M., Merat, N., & De Winter, J. C. F. (2024). [Supplementary data for the paper: Immersive Insights: Evaluating Augmented Reality Interfaces for Pedestrians in a CAVE-Based Experiment](#). (4TU. ResearchData; Version V1) [Data set]. 4TU. ResearchData.
- Aleva, T.*, **Tabone, W.***, Dodou, D., & De Winter, J. C. F. (2024). [Supplementary data for the paper: Augmented reality for supporting the interaction between pedestrians and automated vehicles: An experimental outdoor study](#). (4TU. ResearchData; Version V1) [Data set]. 4TU. ResearchData.
- Peereboom, J.*, **Tabone, W.***, Dodou, D., & De Winter, J. C. F. (2024). [Supplementary data for the paper: Head-locked, world-locked, or conformal diminished-reality? An examination of different AR solutions for pedestrian safety in occluded scenarios](#). (4TU. ResearchData; Version V1) [Data set]. 4TU. ResearchData.
- Tabone, W.**, & De Winter, J. C. F. (2023). [Supplementary materials for the article: Using ChatGPT for Human-Computer Interaction Research: A Primer](#) (4TU. ResearchData; Version V1) [Data set]. 4TU. ResearchData.
- Tabone, W.**, Happee, R., García, J., Lee, Y. M., Lupetti, M. C., Merat, N., & De Winter, J. C. F. (2023). [Supplementary materials for the article: Augmented reality interfaces for pedestrian-vehicle interactions: An online study](#) (4TU. ResearchData; Version V1) [Data set]. 4TU. ResearchData.
- Tabone, W.**, Dodou, D., & De Winter, J. C. F. (2022). [Supplementary data for the paper 'How do people distribute their attention while observing The Night Watch?'](#) (4TU. ResearchData; Version V3) [Data set]. 4TU. ResearchData.
- Tabone, W.**, Lee, Y. M., Merat, N., Happee, R., & De Winter, J. C. F. (2021). [Supplementary materials for the article: Towards future pedestrian-vehicle interactions: Introducing theoretically-supported AR prototypes](#) (4TU. ResearchData; Version V1) [Data set and software]. 4TU. ResearchData.

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