

Publikationsverzeichnis

Alle 234 Publikationen, nach Kategorien gruppiert und nach Jahr sortiert. Unter voigt-antons.de/publications/ lässt sich die Liste nach Jahr, Typ und Thema filtern.

Google Scholar, 2026-08-02: 2.987 Zitationen · h-Index 29 · i10-Index 83. Davon 2.044 Zitationen · h-Index 23 seit 2021.

MONOGRAFIEN UND SAMMELBÄNDE (2)

- [B2] Herrmann, W. J., Leser, U., Möller, S., Voigt-Antons, J.-N., Gellert, P. (Eds.) (2024). **The digitalization of healthcare for older adults. - Digitalization as an answer to substantial challenges in our healthcare system.** Berlin: Berlin Universities Publishing. — Edited volume <https://doi.org/10.14279/depositonce-20351>
- [B1] Antons, J.-N. (2015). **Neural Correlates of Quality Perception for Complex Speech Signals.** Cham, Switzerland: Springer. <https://doi.org/10.1007/978-3-319-15521-0>

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- [BC5] Obergrießer, S., Schütz, S., Voigt-Antons, J.-N., Ashrafi, N., Shiban, Y., Ohse, J., Peperkorn, N.-L. (2025). **Nutzende im Fokus! Ein Weg zur nachhaltigen Entwicklung von Gesundheits-Apps.** In C. Heese, C., Schütz, S. & Obergrießer, S. (Eds.), Die Nachhaltigkeitsziele der UN im Spiegel der Wissenschaft. SDG - Forschung, Konzepte, Lösungsansätze zur Nachhaltigkeit. Springer. https://doi.org/10.1007/978-3-658-43334-5_11
- [BC3] Vona, F., Ashrafi, N., Ceranic, M. & Voigt-Antons, J.-N. (2024). **Using Immersive Technologies to support healthcare of elderly and fragile people.** In Herrmann, W. J., Leser, U., Möller, S., Voigt-Antons, J.-N., Gellert, P. (Eds.) (2024). The digitalization of healthcare for older adults. - Digitalization as an answer to substantial challenges in our healthcare system. Berlin: Berlin Universities Publishing. <https://doi.org/10.14279/depositonce-20424>
- [BC4] Hillmann, S., Ashrafi, N., Graf, P., Harnisch, P. L., Jansen, E., Marquard, M. & Voigt-Antons, J.-N. (2024). **Multimodal Interactive Assistance for the Digital Collection of Patient-Reported Outcome Measures.** In Herrmann, W. J., Leser, U., Möller, S., Voigt-Antons, J.-N., Gellert, P. (Eds.) (2024). The digitalization of healthcare for older adults. - Digitalization as an answer to substantial challenges in our healthcare system. Berlin: Berlin Universities Publishing. <https://doi.org/10.14279/depositonce-20425>
- [BC1] Schleicher, R. & Antons, J.-N. (2014). **Evoking Emotions and Evaluating Emotional Impact.** In S. Möller & A. Raake (Eds.), Quality of Experience (pp.121–132). Cham, Switzerland: Springer International Publishing. https://doi.org/10.1007/978-3-319-02681-7_9
- [BC2] Antons, J.-N., Arndt, S., Schleicher, R. & Möller, S. (2014). **Brain Activity Correlates of Quality of Experience.** In S. Möller & A. Raake (Eds.), Quality of Experience (pp.109–120). Cham, Switzerland: Springer. https://doi.org/10.1007/978-3-319-02681-7_8

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- [J33] Da Silva, D. A., Da Silva, A. S., Lima, D. D., Da Costa, J. P., De Melo, L. O., Miranda, C., Santos, G. A., Vinel, A., Mendes, P., Verhoeven, S., Voigt-Antons, J.-N. & De Freitas, E. P. (2026). **Spoof detection framework for V2X systems via tensor-based DoA estimation and Yolo-based object detection.** IEEE Access. <https://doi.org/10.1109/ACCESS.2026.3660577>
- [J34] Hinzmann, S., Bestgen, A.-K., Schorlemmer, J., Beierlein, C., Kolbe, J. & Voigt-Antons, J.-N. (2026). **A Modular Questionnaire for Target-Group-Specific Evaluation of Event Formats: Developed in the Context of Virtual Worlds Knowledge Transfer.** Virtual Worlds, 5(1), 10. <https://doi.org/10.3390/virtualworlds5010010>
- [J35] Peperkorn, N. L., Ohse, J., Fox, J., Limberg, S., Hadži, B., Rättsch, M., Voigt-Antons, J.-N., Witthöft, M. & Shiban, Y. (2026). **Effects of Change in Dysfunctional Beliefs and Self-Esteem in Avatar-Based Cognitive Therapy for Symptoms of Social Anxiety Disorder: A Randomized Parallel Trial.** Scientific Reports, 16, 6144. <https://doi.org/10.1038/s41598-026-39641-x>
- [J36] Ashrafi, N., Graf, P., Marquardt, M., Harnisch, P., Hillmann, S., Ploner, N., Compagna, D., Cirit, E., Papst, L. & Voigt-Antons, J.-N. (2026). **Multimodal Assistance in Rehabilitation: User Experience of Embodied and Non-Embodied Agents for Collecting Patient-Reported Outcome Measures.** Virtual Worlds, 5(1), 15. <https://doi.org/10.3390/virtualworlds5010015>
- [J37] Haeger, C., Mümken, S. A., Spang, R. P., Brauer, M., O'Sullivan, J. L., Lech, S., Xue, Q.-L., Stockburger, M., Keller, J., Voigt-Antons, J.-N. & Gellert, P. (2026). **Out-of-home mobility enhancement by a physiotherapist-led motivational counseling intervention among rural community-dwelling older adults 75+: The MOBILE RCT.** BMC Geriatrics, 26, 481. <https://doi.org/10.1186/s12877-026-07244-w>
- [J38] Henning, J., Hinzmann, S., Vona, F., Amer, M. & Voigt-Antons, J.-N. (2026). **Hearing the Way: Influence of Varying Spatialized Audio Cues and Device Type on AR Navigation Experience.** IEEE Transactions on Visualization and Computer Graphics, pp. 1–8. <https://doi.org/10.1109/TVCG.2026.3679912>
- [J39] Hallmann, M. C., Peperkorn, N. L., Vona, F., Shiban, Y. & Voigt-Antons, J.-N. (2026). **User Experience and Therapist Effectiveness of Different Virtual Character Types in Virtual Reality Exposure Therapy: A Mixed-Methods Study.** JMIR XR Spatial Comput. — In press <https://doi.org/10.2196/81537>
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- [J32] Antoun, M., Elhajj, I. H., Papadopoulos, P. K., Rizk, A., Islam, T., Huerta, I., Toledo, L., Arvanitis, G., Moustakas, K., Jevtić, A., Agustí, I., Vona, F., Voigt-Antons, J.-N., Warsinke, M., Bailer, W., Thallinger, G., Howkins, B., Poder, I., Ruess, M. & Asmar, D. (2025). **Interactive digital twins enabling responsible extended reality applications**. Scientific Reports, 15, 34539. <https://doi.org/10.1038/s41598-025-17855-9>
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- [J26] Kojić, T., Spang, R. P., Vergari, M., Meier, L., Möller, S. & Voigt-Antons, J.-N (2023). **Effects of User Factors on User Experience in Virtual Reality - Age, Gender, and VR Experience as Influencing Factors for VR Exergames**. Quality and User Experience. 8, 3. <https://doi.org/10.1007/s41233-023-00056-5>
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- [J13] Uhrig, S., Mittag, G., Möller, S. & Voigt-Antons, J.-N. (2019). **P300 indicates context-dependent change in speech quality beyond phonological change**. Journal of Neural Engineering. <https://doi.org/10.1088/1741-2552/ab1673>
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- [C100] Nguyen Thi, T.-T. S., Veragi, M., Möller, S., Voigt-Antons, J.-N. & Kojić, T. (2026). **Understanding Cross-Cultural User Experience in Virtual Reality Across Presence, Emotion, and Interaction.** Paper presented at the 1st ACM CHI 2026 Workshop on Shaping Future Human Connection: Social Augmentation through XR Technologies (SAXR 2026), Barcelona, Spain.
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- [C102] Saad, A. & Voigt-Antons, J.-N. (2026). **XR Training in Challenging Environments: The Wind Turbines Case.** Paper presented at the workshop XR for Challenging Environments: Enabling Human Performance and Agency under Stress at CHI 2026, Barcelona, Spain. https://xr4ce-chi26.tech-experience.at/papers/XR4CE_paper_15.pdf
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- [C104] Henning, J., Vona, F., Hinzmann, S., Amer, M. & Voigt-Antons, J.-N. (2026). **Experiencing the Path: Comparing Visual Cues for User Experience and Performance in Outdoor Augmented Reality Navigation.** Paper presented at the 18th International Conference on Quality of Multimedia Experience (QoMEX 2026), Cardiff, UK.
- [C105] Vona, F., Stern, M., Moreira, C., Vergari, M., Jorge, J., & Voigt-Antons, J.-N. (2026). **The Three-Body Problem of Collaboration: Effects of Asymmetric Physical Co-Presence in Augmented Reality.** Paper presented at the 25th IEEE International Symposium on Mixed and Augmented Reality (ISMAR 2026), Bari, Italy.
- [C99] Shumeliuk, A., Warsinke, M., Kojic, T., Möller, S., Voigt-Antons, J.-N. & Vergari, M. (2026). **Evaluating the Impact of Distractions and Spatial Constraints in Public XR.** Paper presented at 2nd IEEE VR Workshop on Social Interaction and Collaboration in eXtended Reality (SIC-XR 2026), Daegu, Korea.
- [C86] Vona, F., Warsinke, M., Kojic, T., Voigt-Antons, J.-N. & Möller, S. (2025). **User-Centric Evaluation Methods for Digital Twin Applications in Extended Reality.** Paper presented at the 7th International Conference on Artificial Intelligence & extended and Virtual Reality (IEEE AIxVR 2025), Lisbon, Portugal. <https://doi.org/10.1109/AIxVR63409.2025.00028>
- [C87] Vona, F., Schorlemmer, J., Stern, M., Ashrafi, N., Kojić, T., Vergari, M. & Voigt-Antons, J.-N. (2025). **Comparing Pass-Through Quality of Mixed Reality Devices: A User Experience Study During Real-World Tasks.** Paper presented at the IEEE Conference on Virtual Reality and 3D User Interfaces (IEEE VR 2025), Saint-Malo, France. <https://doi.org/10.1109/VRW66409.2025.00362>
- [C88] Vona, F., Schorlemmer, J., Hinzmann, S., Stemmann, J., Fischer, S. & Voigt-Antons, J.-N. (2025). **Hands vs. Controllers: Comparing User Interactions in Virtual Reality Shopping Environments.** Paper presented at the IEEE Conference on Virtual

- [C89] Kojic, T., Vergari, M., Warsinke, M., Möller, S., Voigt-Antons, J.-N. (2025). **Influence of Interactivity in Shaping User Experience and Social Acceptance of Mobile XR**. Paper presented at the workshop Social Interaction and Collaboration in eXtended Reality (SIC-XR 2025), Saint-Malo, France. <https://doi.org/10.1109/VRW66409.2025.00114>
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- [C95] Vona, F., Kuhlencord, K., Fox, J., Kojic, T., Shiban, Y. & Voigt-Antons, J.-N. (2025). **Augmented Reality in the Treatment of Stress and Anxiety Disorders: A Literature Synthesis**. Paper presented at the first workshop on Designing Safe and Effective Intelligent Virtual Agents (IVAs) for Health Care: Risks, Benefits, and Best Practices (DESIGN IVA HC 2025), Berlin, Germany. <https://doi.org/10.1145/3742886.3756697>
- [C96] Kojic, T., Kirchner, N., Vergari, M., Warsinke, M., Möller, S., Voigt-Antons, J.-N. (2025). **Exploring the Effect of Heights and User Stance on User Experience in Extended Reality Climbing**. Poster presented at the 17th International Conference on Quality of Multimedia Experience (QoMEX 2025), Madrid, Spain. <https://doi.org/10.1109/QoMEX65720.2025.11219977>
- [C97] Hinzmann, S., Vona, F., Henning, J., Amer, M., Abdellatif, O., Kojic, T. & Voigt-Antons, J.-N. (2025). **Finding My Way: Influence of Different Audio Augmented Reality Navigation Cues on User Experience and Subjective Usefulness**. Poster presented at the 17th International Conference on Quality of Multimedia Experience (QoMEX 2025), Madrid, Spain. <https://doi.org/10.1109/QoMEX65720.2025.11219995>
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