# Publications and Conference Contributions
# Markus Weber (former Krause)

## Publications in Journals and Conference Proceedings (peer reviewed)

Walendy, R., **Weber, M.**, Li, J., Becker, S., Wiesen, C., Elson, M., Kim, Y., Fawaz, K., Rummel, N., & Paar, C. (2024). I see an IC: A Mixed-Methods Approach to Study Human Problem-Solving Processes in Hardware Reverse Engineering. Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems. Association for Computing Machinery, Honolulu, HI, USA. https://doi.org/10.1145/3613904.3642837

Hamadache S., **Krause M.**, Elson M. (2021) Strategies of Naive Software Reverse Engineering: A Qualitative Analysis. In: Zallio M., Raymundo Ibañez C., Hernandez J.H. (eds) Advances in Human Factors in Robots, Unmanned Systems and Cybersecurity. AHFE 2021. Lecture Notes in Networks and Systems, vol 268. Springer, Cham. https://doi.org/10.1007/978-3-030-79997-7_29

## Invited Talks and Workshops

**Weber, M.** (2023). Invited Workshop: An Introduction to Multilevel Analysis with R. JURE 23 Junior Researchers Pre-Conference of EARLI (The European Association for Research on Learning and Instruction), Thessaloniki, Greece. https://www.earli.org/events/jure2023#section-workshops

## Conference Contributions without Publication

**Weber M.**, Walendy, R., (2024). I see an IC: Researching Human Problem-Solving in Hardware Reverse Engineering. Hardware Reverse Engineering Workshop (HARRIS 2024), Bochum, Germany. https://harris2024.mpi-sp.org/

**Weber, M.** (2022). Substitute presentation for Dr. Carina Wiesen at the 52nd conference of the German Psychological Society [DGPS] in the symposium "SECURITY AND PRIVACY IN THE DIGITAL AGE" with the topic "Problem Solving in Hardware Reverse Engineering". https://www.uni-hildesheim.de/dgps2022/