

List of Publications

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Journal Articles (peer review)

2021

Schauffel, N., & Ellwart, T. (2021). Forced virtuality during COVID-19: A multigroup perspective on technology acceptance of public digital services. *Zeitschrift für Arbeits- und Organisationspsychologie*, 65 (4), 244-257, <https://doi.org/10.1026/0932-4089/a000366>

Schauffel, N., Schmidt, I., Peiffer, H., & Ellwart, T. (2021). Self-concept related to information and communication technology: Scale development and validation. *Computers in Human Behavior Reports*, 4, 1100149, <https://doi.org/10.1016/j.chbr.2021.100149>

Pastra, A., Schauffel, N., Ellwart, T., & Johansson, T. (accepted for publication). Building a trust ecosystem for remote inspection technologies in ship hull inspections. *Law, Innovation and Technology*, 14 (2)

Book Chapters, Scale documentation, E-books

2021

Ellwart, T., & Schauffel, N. (2021). Humans, software agents, and robots in hybrid teams. Effects on work, safety, and health. *PsychArchives*. <http://dx.doi.org/10.23668/psycharchives.5310>

Schauffel, N., Schmidt, I., Peiffer, H., & Ellwart, T. (2021). ICT Self-Concept Scale (ICT-SC25). *Zusammenstellung sozialwissenschaftlicher Items und Skalen (ZIS)*. https://doi.org/10.6102/zis308_exz

Scientific Conferences

2021

Ellwart, T., Schauffel, N., Antoni, C. H., Graf, B., Reuter, L., Berndt, J.-O., & Timm, I. J. (2021, March). Die Rolle sozio-digitaler Kompetenzvergleiche bei der Akzeptanz hybrider Teams. Theoretische, empirische und praktische Perspektiven [The role of socio-digital competence comparisons in hybrid team acceptance. Theoretical, empirical, and practical perspectives]. *Presentation at the 67th spring congress Gesellschaft für Arbeitswissenschaft (GfA), Bochum (virtual conference), Germany*.

Graf, B., Ellwart, T., Schauffel, N., Müller, R., Antoni, C. H., Timm, I. J., Berndt, J.-O., & Reuter, L. (2021, March). Die Bedeutung von Rollen- und Aufgabenwissen für Vertrauen in und Erwartungen an KI-gesteuerte Teammitglieder [The importance of role and task knowledge for trust in and expectations of AI-driven team members]. *Presentation at the 67th spring congress Gesellschaft für Arbeitswissenschaft (GfA), Bochum (virtual conference), Germany*.

Graf, B., Ellwart, T., Schauffel, N., Müller, R., Antoni, C. H., Timm, I. J., Berndt, J.-O., & Reuter, L. (2021, March). Die Bedeutung von Rollen- und Aufgabenwissen für Vertrauen in und Erwartungen an KI-gesteuerte Teammitglieder [The importance of role and task knowledge for trust in and expectations of AI-driven team members]. In *Proceedings from the 67th spring congress Gesellschaft für Arbeitswissenschaft (GfA) ARBEIT HUMAINE gestalten, Bochum (virtual conference), Germany*.

Schauffel, N., & Ellwart, T. (2021, September). Erzwungene Virtualität während COVID-19: Eine Multigruppenperspektive auf die Technologieakzeptanz öffentlicher digitaler Dienste [Forced virtuality during COVID-19: A multigroup perspective on technology acceptance of public digital services]. *Presentation at the 12th Fachgruppentagung Arbeits-, Organisations- und Wirtschaftspsychologie, Chemnitz, Germany*.

Schauffel, N., Kaufmann, L., Ellwart, T., & Rynek, M. (2021, September). Technostress during COVID-19: Action regulation hindrances and the mediating roles of basic human needs among psychology students. *Presentation at the ESPLAT 2021 conference on Teaching and Learning Psychology in Times of COVID and Beyond, Heidelberg (virtual conference), Germany*.

Posters and Project Presentations

2021

Schauffel, N. & Ellwart, T. (2021, October). Psychological Factors in BugWright2. *Presentation at the BugWright2 Stakeholder Meeting, virtual*.

2020

Schauffel, N. & Ellwart, T. (2020, January). Trier University @BugWright2. Business Psychology & Human-Computer Interaction. *Poster presentation at the Kick-Off of the BugWright2 Project. Autonomous Robotic Inspection and Maintenance on Ship hulls, Nantes, France*.

Projects

2020-2024 BugWright2. Autonomous Robotic Inspection and Maintenance on Ship hulls

The European Union's Horizon 2020 research and innovation project aims at changing the European landscape of robotics for infrastructure and maintenance (<https://www.bugwright2.eu/>).

2019 - 2021 Onlinewache Rheinland-Pfalz

The cooperative project between Trier University and the State Criminal Police Office of Rhineland-Palatinate, Germany, aims at evaluating the digital police service *Onlinewache* from the perspectives of public users (front-end) and with regard to policy processes (back-end).

2020 Forced Virtuality during COVID-19

The longitudinal research project aimed at monitoring affective, cognitive-motivational, and behavioral reactions of psychology students during COVID-19-induced online teaching.

Teaching

2020 Student Consulting

The master module deepens work psychological knowledge. In cooperation with local business partners, students undergo the phases of psychological consulting from the project conception, and evidence-based method design to the implementation and evaluation of the project, methods, and results. Exemplarily use cases are the development of a competence inventory, an employee or customer survey.
Course language: German

2020-2021 Critical Factors in Human-Robot Teams

As part of the bachelor module *Work and Organizational Psychology*, the seminar is designed to build students' expertise in the field of human-robot teams, technology acceptance, and work motivation theories. Students gain experience in psychological theory, diagnostics, and intervention working on a case study.

Course language: German

2021 Performance and Personality Assessment

As part of the bachelor module *Psychological Diagnostics*, the seminar teaches students practice-related competences for the evaluation and professional use of performance and personality tests in different fields of application of psychology. The application focus is on the planning and practical implementation of the diagnostic process, the evaluation, documentation, and client-oriented feedback of the results. Students reflect on their insights into the role of a test leader and a client.

Course language: German