



The ISSA Section Machine and System Safety informs about activities in the Working Group Human Factors, Ergonomics and Safe Machine
 <<https://www.safe-machines-at-work.org/human-factors>>

Nickel, P., Bärenz, P., Bischoff, H.-J., Radandt, S., Kaufmann, U., Wichtl, M. & Monica, L. (2020). Arbeitssystemgestaltung für Maschinen- und Systemsicherheit. In: DGUV (Hrsg.), DGUV Report 2/2020. 7. Fachgespräch Ergonomie 2019 – Zusammenfassung der Vorträge vom 25. und 26. November 2019 (61-66). Berlin: DGUV.

<<https://publikationen.dguv.de/widgets/pdf/download/article/3967>>

Summary in English language:

Work System Design for Machine and System Safety.

Work system design contributes to machine and system safety by application of design requirements from human factors and ergonomics. An international working group of the ISSA Section Machine and System Safety brings together essential findings on ergonomic design of machines and technical systems for safe and healthy human-system interactions on an Internet platform. The platform presents selected contents, illustrates recommendations for design by way of example, and refers to relevant standards and technical literature. Digitisation, networking and dynamisation are moving human information processing in human-system interactions into the focus of work system design. Integrated are modelling of interfaces between humans and technical systems and special challenges for occupational safety and health. The internet platform serves international exchange of experiences on topics like human factors and ergonomics in machine and system safety as well as new approaches for the design of human-system interaction in future work systems.