



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

- informed about activities in:  
 Nickel, Peter (2019). Arbeitswissenschaftliche Kooperationen unter dem Dach der Internationalen Vereinigung für Soziale Sicherheit (IVSS). Human Factors in der Systemsicherheit. DGUV Forum Fachzeitschrift für Prävention, Rehabilitation und Entschädigung 10, 34-35. [ISSN 1867-8483]

Summary in English language:

### **Ergonomics in the International Society of Social Security Association (ISSA).**

#### **Human Factors in Systems Safety.**

The international working group "Human Factors, Ergonomics, Safe Machines" (short: Human Factors) of the ISSA Section Machine and System Safety presents requirements of safe and healthy human-system-interaction for machinery design on an internet platform:

<https://www.safe-machines-at-work.org/human-factors/>

- The platform describes the concept of work system design of ergonomics. The concept provides a systematic for design requirements in ergonomics, safety and health and instructs the design process of machines and technical systems.
- The platform selects and explains requirements in ergonomics with practical recommendations for design, i.e. according to human information processing and anthropometry.
- The platform refers to international standards and literature.
- The platform supports suitable work processes, which in the future will be more strongly characterised by digitisation, dynamics and networking with regard to an ergonomic, safe and healthy design of human-system-interactions.

The above-mentioned publication illustrates design issues from the platform, i.e. the concept of work systems design, referring to human behaviour, work place, and work equipment. Ergonomic design requirements in the context of work place design is illustrated by ergonomic design requirements for the arrangement of displays. Ergonomic design requirements in the context of work equipment design is given by feedback design for operators interacting with technical systems.