# DASAIT 2024- Design and application of socially- aware IT

Introduction for the Special Track at the ICDS 2024- The Eighth International Conference on Digital Society

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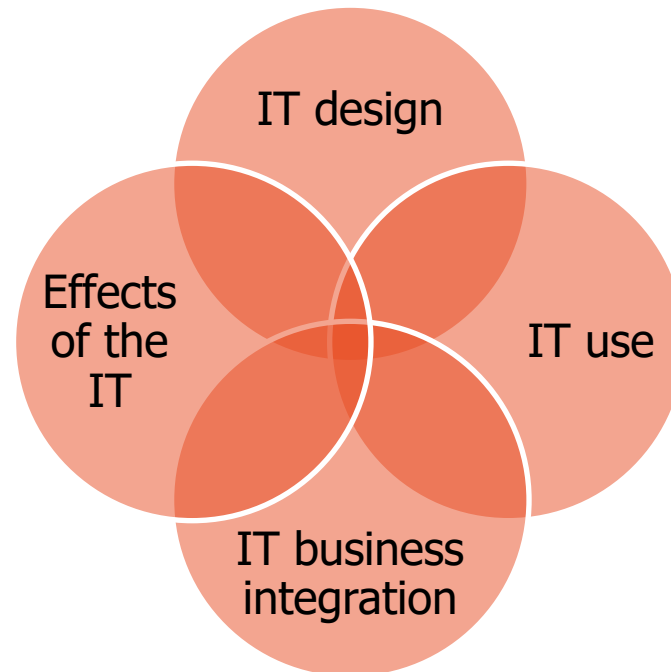
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# Focus of DASAIT and Information Systems Research (ISR)

$\Rightarrow$ Socially aware information systems (SAIS) consider user-centred design of and human-cantered interaction with information technologies as well as their effects beyond the direct use, i.e. the system and process environment

# Some characteristics of SAIS design

Socially- aware information systems:

- Are business-problem centred

- Do not use behavioural or psychological means to elicit user data

- Consider users and the system environment form the requirement analysis on

- Do not have a personality, i.e., they do not „decide", „detect" or „recognize"

- Have an audit, testing and feedback mechanisms from the design on

- Have been tested in a laboratory environment or controlled conditions before market release

# Socially- aware Information Systems: Research areas and research questions

Design process for socially aware information systems (SAIS)

Human-centered interaction with Information Systems

IT implementation and effects on process workers

Digital divide in workplace learning

Trusted data processing

Sustainable implementation of IT infrastructures

# Content of the DSAIT 2024 Track

K. Frosch, F. Lindauer | Exploring the Digital Divide in Workplace Learning: A Rapid Review

O. Levina | The Human Side of RPA – Contextualizing Process Actors and RPA Implementation

R. Burmeister, Chr. Erler, F. Gauger, R. Dressle, B. Feige | Advancing Sleep Research through Dynamic Consent and Trustee-Based Medical Data Processing

A. Nitze, J. Jahn, T. Wang, und S. Ali | Beyond Connectivity: A Sustainable Approach to Municipal LoRaWAN Infrastructure and Services

Thank you and enjoy the talks!