

Workshop on Human-Centered and Technology-Driven Decision Support in Logistics

Saarbrücken, 29th - 30th September 2025

Darmstadt, 1st-2nd October 2025

Call for Contributions

Theme: Human-Centered and Technology-Driven Decision Support and Management in Logistics

We invite researchers (particularly in their early career stage), industry professionals, and M.Sc. and Ph.D. students to contribute to a thematic workshop jointly organized by the **Technical University of Darmstadt** and **Saarland University**. This workshop will explore the integration of human factors in decision support models and the role of advanced technologies in assisting logistics operators.

As logistics systems become increasingly complex, integrating human expertise with cutting-edge technologies is essential for optimizing decision-making. Human-centered approaches enhance technology adaptability, while AI-driven and automated solutions improve efficiency. Bridging these perspectives can lead to more resilient, efficient, and sustainable logistics operations, addressing real-world challenges in supply chain management.

Workshop Overview

The workshop is structured into two parts, hosted at both universities, each focusing on a specific aspect of decision support in logistics:

- **Part 1: Saarland University** (September 29–30, 2025)
The second part will take place at Saarland University, focusing on "Advanced Technologies for Assisting Logistics Operators." This session will highlight the role of AI, automation, human-technology integration, and digital innovations in enhancing logistics operations and decision-making.
- **Part 2: TU Darmstadt** (October 1–2, 2025)
- The first part of the workshop will be held at TU Darmstadt and focus on "Integrating Human Factors in Decision Support Models for Logistics." This session will explore how human cognition, expertise, and interaction with decision-support systems influence logistics efficiency and adaptability.

Registration and Submission

Interested participants must register by **June 15, 2025**, via email and submit an abstract (max. 2 pages) of their research work they would like to present at the workshop. Please email your submission to **Dr. Subrata Panja** at panja@pscm.tu-darmstadt.de. Please also let us know if you intend to participate in the seminars at both universities.

For further details, contact glock@pscm.tudarmstadt.de, eric.grosse@uni-saarland.de. Join us in shaping the future of human-technology integration in logistics!

Workshop Hosts

- Prof. Dr. Christoph Glock, Dr. Subrata Panja, Technical University of Darmstadt, Germany
- Prof. Dr. Eric Grosse, Michael Bauer, Saarland University, Germany
- We look forward to your contributions and to an engaging workshop!



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