



**The International Doctoral
Students Workshop**
on Logistics, Supply Chain and Production
Management

Programme

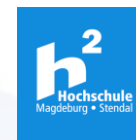
International Doctoral Students Workshop

MAGDEBURG 16 JUNE 2026



MB

IEPS



Time	Session			
8:30 - 9:00	Registration @ Experimentelle Fabrik (EXFA)			
9:00 - 9:10	Welcome of the participants and opening of the IDWL			
9:10 - 9:25	Customers needs vs. scientific needs - What is your Job to be done? (Prof. Dr.-Ing. Fabian Behrendt)			
9:25 - 9:40	The Reverse Turing Test: Convincing GPTZero You're Human (Jun.-Prof. Dr.-Ing. Sebastian Lang)			
9:40 - 10:10	Photo session & coffee break			
	Room 1: Sustainable Economy (Session chair: Dr.-Ing. Jettarat Janmontree)	Mod.	Room 2: Artificial Intelligence in SMEs and B2B (Session chair: Prof. Dr.-Ing. Fabian Behrendt)	Mod.
10:10 - 10:30	Monte Carlo Evaluation of the Bankam Atık Recycling Program (Cumhur Dülge)	EG	Modelling Interaction Dynamics in B2B Digital Platforms (Purushothaman Ganesh)	FB
10:30 - 10:50	Assessing AI for Sustainability in SME Value Creation (Jonas Zimmermann)	JJ	Self-assessment tool for AI implementation in SMEs (Nadine Kaltschmidt)	SL
10:50 - 11:10	Digital Twin-Enabled Circular Business Models in Manufacturing (Rodrigo Torres Adelsberger)	HZ	Automatic Model Generation for Discrete-Event Simulation (Sanket Kute)	NS
11:10 - 11:30	Session Discussion		Session Discussion	
11:30 - 11:50	Coffee break			

Time	Session			
	Supply Chain Management (Session chair: Prof. Dr.-Ing. Elke Glistau)	Mod.	Overcoming challenges of SMEs (Session chair: Dr.-Ing. Niels Schmidtke)	Mod.
11:50 - 12:10	Decision Process Modeling for Logistics and SCM Domains with LLM-based Agents (Maksim Ilin)	KR	Digital technologies as Enablers of Organizational Resilience in SMEs (Daniel Menschulin)	JJ
12:10 - 12:30	A Framework for Supply Chain Performance Measurement (Amanda González Cabrera)	HZ	Smart Data Adapter: A Hybrid Pattern-LLM Approach (Lina Döring)	SL
12:30 - 12:50	Stage-Based Planning Model for Electrical Materials Supply in Residential Construction Projects (Bakhtiar Amankulov)	EG	Session Discussion	
12:50 - 13:10	Session Discussion			
13:10 - 14:30	Lunch Break (Mensa @ OvGU)			
	Energy and Mobility (Session chair: Prof. Dr.-Ing. Hartmut Zadek)	Mod.	Knowledge management and decision support using LLMs (Session chair: Jun.-Prof. Dr.-Ing. Sebastian Lang)	Mod.
14:30 - 14:50	Optimization of Energy Integrationin Caribbean area (Ernesto González Cabrera)	DS	Identification of Potential Applications of Large Language Models for Predictive Maintenance (Patrick Timm)	NS
14:50 - 15:10	Last-Mile Routing and the Value of Customer Availability Profiles (Maximilian Engelhardt)	HZ	Replicating Research into Executable Knowledge (Da Ma)	FB
15:10 - 15:30	Aviation Using a Data-Driven Model for Aircraft Airworthiness Management (Abdulali Baghiyev)	EG	An LLM-Assisted Systematic Mapping Study of Automated Simulation Research (Alex Maximilian Korga)	KR
15:30 - 15:50	Session Discussion		Session Discussion	
15:50 - 16:20	Coffee break			
16:20 - 17:00	Closing session and best paper award			