

Conference Program
European Lean Educators Conference (ELEC) 2024
25.09.2024 – 27.09.2024 Chemnitz

Datum: Wednesday 25/Sept/2024 Chemnitz (to be determined)	
13:00 - 16:30	Industry Tour

Datum: Wednesday, 25/Sept/2024 Chemnitz (to be determined, likely in the city center)	
17:00 - 19:00	Welcome Reception

Datum: Thursday, 26/Sept/2024 TU Chemnitz Erfenschlager Campus	
8:30 - 8:45	Opening Ceremony
8:45 - 9:30	Keynote 1 (Constantin May) Ten Years of Lean: A Retrospective on the Evolution of Lean Management, its Teaching, and the Growth of the Lean Educator Conference
9:30 - 10:00	Coffee Break
10:00 - 10:45	Keynote 2 (John Bicheno) Lean Education
11:45 - 11:00	Break
11:00 - 11:45	Keynote 3 (Peter Hines) The Future of Lean
11:45 - 12:45	Lunch
12:45 - 13:30	Keynote 4 (Nadja Böhlmann) Hands-on Lean and where we might've gotten it wrong
13:30 - 13:45	Break
13:45 - 16:45	Workshops (Pre-registration necessary) https://www.tu-chemnitz.de/mb/FabrPlan/ELEC-Conference-workshops.php.en
From 17:00	Social Event (October Fest)

Datum: Friday, 27/Sept/2024 TU Chemnitz Erfenschlager Campus	
9:00 - 10:00	Parallel Sessions 1
10:00 - 10:30	Coffee Break
10:30 - 11:15	Keynote 5 (Eivind Reke) Learning in Lean - Searching for the Kaizen Spirit under the Northern Lights
11:15 - 11:30	Break
11:30 - 12:15	Keynote 6 (Christoph Roser) MAKE: The History of Manufacturing
12:15 - 13:15	Lunch
13:15 - 14:15	Parallel Sessions 2
14:15 - 14:30	Break
14:30 - 15:00	Closing Ceremony

Workshops

Practical Bottleneck Detection

Christoph Roser, and Jochen Roser

Playing seriously: developing strategic production management perspectives with a serious play approach

Ralph Riedel, and Luise Weißflog

From the sensor to the user – How do get information from processes and machines?

Frank Börner, Daniel Fischer, and Hendrik Unger

Parallel Sessions 1

Lean in Healthcare and Services (3 Presentations 15min + 5min Q&A each; room to be determined)

Chair: Kaveh Houshmand Azad

The Effectiveness of Lean Improvement Methodology in Healthcare

Kaveh Houshmand Azad

Operational waste and efficiency: Lean Manufacturing insights from a Brazilian medication distribution center

Lucas Ruan Assunção Pereira, Nayara Cardoso De Medeiros, Mario Henrique Calfei, and Francisco de Assis da Silva Mota

Macro and Micro Value Stream Mapping in a tire management service company

Vipul Jhod, Pierre Grzona, and Ralph Riedel

Lean 4.0 (3 Presentations 15min + 5min Q&A each; room to be determined)

Chair: José Carlos de Sá

Lean 4.0 and the Portuguese manufacturing

José Carlos de Sá

Synergizing Kanban and ERP: Towards a Digital Card-Based Control System for Lean Management

Martin Folz

Reinforcement learning in layout planning - development of mathematical models for the automated evaluation of factory layouts

Hendrik Unger, Daniel Fischer, and Frank Börner

Research Workshop 1 (room to be determined)

Exploring the role of learning factories in fostering student creativity: An investigation into lean education

Emilien Jacob, and Florian Magnani

Enhancement of in-store product replenishment flow and introduction of a pull production system within a food retail chain.

Elisa Vieira, and José Dinis-Carvalho

Parallel Sessions 2

Lean Application (3 Presentations 15min + 5min Q&A each; room to be determined)

Chair: Margit Närvä

Continuous improvement in Finnish food industry companies

Margit Närvä

Operational excellence beyond the factory floor: a case study in Lean Office

Debora Bianco, Lucas S. do Nascimento, André Araujo Cavalcante Silva, Lucas Gerage de Oliveira, Mario Henrique Callefi

A trade-off between lean and resilience in Supply Chains

Marina Ivanova

Advances in Lean (3 Presentations 15min + 5min Q&A each; room to be determined)

Chair: Bernd Langer

Serious Game: VR real-time simulation of a value stream analysis

Bernd Langer, Simon Baum, and Lucas Mezger

Cyber resilience and lean in small and medium sized enterprises (SMEs): Requirements for a holistic approach

Heiner Winkler

Applying Lean Management: Identifying the seven types of waste in a demonstrator for automated dismantling of battery systems supported by artificial intelligence

Gerald Bräunig, and Dominik Hertel

Research Workshop 2 (room: to be determined)

Lean? What do you mean?

José Dinis-Carvalho

Development of a business game to build and deepen students' understanding of lean management

Philipp Wilsky