

### Parallel Session 3

15/nov

90min

Topic		<u>Detecting and Elimination Muda</u>		
Room	Guimarães   <b>Session chair:</b> Anabela Alves			
Paper	Title	Speaker	Tempo	
4	Application of lean education for the elimination of waste in a company of the stamped products sector	Gustavo Guimarães	18+4	
6	Towards Reducing Queues: Muri, Mura, Muda	John Bicheno		
55	A New Approach to Developing Lean Understanding in Higher Education	Ralph Kriechbaum		
49	Monitoring and controlling real-time production using waste identification diagram	Rogério Santos Menezes		

Topic		<u>Industry 4.0</u>		
Room	Viana do Castelo   <b>Session chair:</b> Carina Pimentel			
Paper	Title	Speaker	Tempo	
11	Industry 4.0 as a way to enhance Lean Manufacturing and Six Sigma	Farid Mendonça Júnior	18+4	
24	Industry 4.0-based improvement of the Lean game by using the innovative decision support system	Nikola Gjeldum		
69	Industry 4.0: Knowledge and capabilities needed for workers, middle-managers and top managers	Carina Pimentel		
81	Learning Lean in High-Variety/Low-Volume: Lessons Learned from the EuroLean project and the learning model in the Lean4.0 project	Menno Herkes		

Topic		<u>Lean Applications</u>		
Room	Braga   <b>Session chair:</b> Rui Lima			
Paper	Title	Speaker	Tempo	
14	Lean practices to improve the learning process and production document control: a case study.	Marcelo Pereira	18+4	
80	Operations Management and Lean Production – an overview based on publications in journals	Rui Lima		
37	Application of Kaizen philosophy to increase productivity: a case study in an electronics industry	Décio Reis		
73	Improving healthcare quality in a oncology public day hospital	Julio Garcia Sabate		

Topic		<u>Lean Games</u>		
Room	D.Afonso Henriques   <b>Session chair:</b> Rui Sousa			
Paper	Title	Speaker	Tempo	
63	An Educational Game for Mixed Model Assembly Line Design Using Lean Concepts	Can Yukselen	18+4	
67	The contribution of simulation games in learning Lean Education in students of production engineering	André Aquere		
26	Use of gamification as a tool for developing competences - a proposal of application for analysis and prevention of failures	Simone Sarges		
38	Would you like some Wine? Introducing Variants to the Beer Game	Christoph Roser		