

## Special session proposal for IJCIEOM 2025 conference SPS16

**1. Session title:** Operational Excellence 5.0: paving the way to achieve Sustainable Development Goals (SDGs) in Ibero-American Countries / SI IJLSS

**2. Session objectives:**

While extensive research has been conducted on Industry 4.0 and sustainability in operations and supply chain management (OSCM), there is a notable gap in studies addressing the Industry 5.0 paradigm and its potential to facilitate the achievement of the Sustainable Development Goals (SDGs) while maintaining operational excellence, particularly within the manufacturing and service sectors in Ibero-American countries. Operational excellence, as a holistic approach, should focus on improving the efficiency and effectiveness of organizations' operations in alignment with the UN SDGs.

Therefore, this special session focuses on the promotion of a Special Issue (SI) for International Journal of Lean Six Sigma aiming work on working papers that could fit the scope of the SI. The SI addresses the before mentioned gap by considering theoretical and empirical research that embraces Human-Centricity, Resilience, and Sustainability within operational excellence, herein labelled Operational Excellence 5.0, to support the SDGs with implications for academics, practitioners, and policymakers. Manuscripts should address at least one of the 17 UN SDGs. Both qualitative and quantitative research methods are welcome, including design science research, systematic literature reviews, action research, case studies, surveys, multicriteria approaches, optimization and simulation modelling, machine learning techniques, and data analytics. The use of well-known OSCM theories, as well as theories borrowed from other disciplines, is encouraged. This also applies to theory building and midrange theorizing.

**3. Organizer(s):**

(Name, affiliation, email address)

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