## Name
Francesco Longo

## Role
Assistant Professor

## Short CV

Francesco Longo is Assistant Professor and Scientific Responsible of the MSC-LES Lab (part of the LIME lab). He is Associate Editor of the International Journal Simulation: Transaction of SCS (where he is also responsible for the journal Intelligence and Assessment) and member of the Editorial Board of several International Journals. He leaded as Scientific Responsible different research projects. He has also leaded (as Guest Editors) more than 15 International Journal Special Issues and served as General Chair and Program Chair for the most important international conferences in the Modeling & Simulation area (EMSS, I3M, SCSC, etc.). He was Director of the Society for Computer Simulation International (SCS) and Editor in Chief of the SCS Modeling & Simulation Magazine.

## Teaching Activity

Professor of Industrial Plant Management for Management Enginering Master Degree students
Professor of Industrial Plants and Mechanical Facilities for Mechanical Engineering Master Degree Students

## Selected Publications

- F. Longo, Sustainable supply chain design: An application example in local business retail. Simulation, 88/12 (2012), pp. 1484-1498
- F. Longo, Design and integration of the containers inspection activities in the container terminal operations. International Journal of Production Economics, 125/2 (2010), pp. 272-283.
- Bruzzone, F. Longo, An application methodology for logistics and transportation scenarios analysis and comparison within the retail supply chain. European Journal of Industrial Engineering, 8/1 (2014), pp. 112-142.
- Bruzzone, F. Longo, 3D simulation as training tool in container terminals: The TRAINPORTS simulator. Journal of Manufacturing Systems, 32/1 (2013), pp X85-98
- F. Longo, A. Huerta, L. Nicoletti, Performance analysis of a Southern Mediterranean seaport via discrete-event simulation. Journal of Mechanical Engineering, 59/9 (2013), pp. 517-525.

## Research Publications

- Modeling & Simulation for production systems and supply chains design and management
- Modeling & Simulation for training in complex environment in different areas, including Industry, Logistics, Defense and Cultural Heritage
- Virtual Environments, Intelligent Systems and Serious Games definition and development
- Supply chain security: development of integrated decision support system for the supply chain security with particular attention on the field of marine terminal security and containers inspection procedures
- The inventory management problem along the supply chain: definition and constrained comparison of different inventory control policies by using a multi-measure based approach
- Workplace and Workstation Effective Ergonomic design within manufacturing and production systems