Stochastic Models in Operations Management is one of the main topics covered by the Second International Symposium on Stochastic Models in Reliability Engineering, Life Science, and Operations Management (SMRLO 2016) held February 15–18, 2016, at the SCE–Shamoon College of Engineering, Beer Sheva, Israel.

The scope of Stochastic Models in Operations Management in this conference includes the following topics:

- Project Management
- Manufacturing
- Inventory and Chain of Supply
- Data Mining and Information Systems
- Services
- Transportation
- Finance
- Safety and Security
- Simulation
- DEA Analyses
- Game Theory and Applications
- Queuing Theory with Applications
- Human Factor in Industrial Engineering

The papers presented at the conference represent a variety of the current research interests in all of the above scientific areas related to Operations Management. The topics covered by the presentations illustrate these research areas by providing the theoretical techniques and methods, the associated computational aspects, and the extensive practical implications.

The SMRLO 2016 conference provides an excellent forum for bringing together researchers and practitioners from academia, industry, and the government who are involved in these fields to explore the state-of-the-art, encourage mutual exchange, identify recent advances, and reveal future directions.

We wish to express our gratitude to our colleagues who organized invited sessions or invited talks, to all presenters and authors for their significant contributions, to the reviewers for their thorough evaluations, and to our hosts, the SCE–Shamoon College of Engineering and the Conference Chairs, Dr. Frenkel and Dr. Lisnianski.

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