

CALL FOR CHAPTERS



Studies in Computational Intelligence

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CALL FOR CHAPTER PROPOSALS

Technological and Industrial applications associated with industry 4.0

EasyChair: <https://easychair.org/my/conference?a=24772155;conf=tiaai40> As part of **Studies in Computational Intelligence** book series.

A book edited by Alberto Ochoa, Diego Oliva & Aboul Ella Hassanien
To be published by Springer Series:

Introduction

Industry 4.0 focus on Intelligent Logistics is widely used in nowadays in all world. This book will be an adequate source of Information that compiles interdisciplinary perspectives about diverse issues related with Logistics, Optimization, Social applications and Technology applications each one with a different perspective about the correct solution of this kind of methodologies.

Objective of the Book

This comprehensive and timely publication aims to be an essential reference source, building on the available literature in the field of Industry 4.0, Intelligent logistics and Smart Manufacturing which are widely used in nowadays in all world. This book will be an adequate source of information that compiles interdisciplinary perspectives about diverse issues related with Logistics, Optimization, Social applications and Technology applications each one with a different perspective about the correct solution of this kind of methodologies.

Target Audience

Many postgraduate students related with Industry 4.0, Intelligent logistics and Smart Manufacturing.

Recommended topics include, but are not limited to the following:

Logistics Management and Optimization through Hybrid Artificial Intelligence Systems is a part very important in this book and cover specialized kind of Industry 4.0, Intelligent logistics and Smart Manufacturing.

- Intelligent Logistic
- Combinatorial Optimization
- Supply Chain including in humanitarian and hospital Logistics
- Maritime logistics and port management operations
- Aeronautical and Aerospaciales Logistics
- Innovations in inventory management
- Game theory applied to the supply chain
- Industrial Internet of things on Smart Manufacturing
- Game theory applied to the supply chain
- Fluidity in supply chains
- Supply chain clustering
- System dynamics modeling including Block Chain and Big Data
- Intermodal transportation network design
- Quantitative models for managing multimodal logistics platforms
- Reliability in freight transport systems
- Supply chain simulation
- Mobile applications associated with Haptical Interfaces

Submission Procedure

Researchers and practitioners are invited to submit *on or before April 7, 2020*: a 2-3-page chapter proposal clearly explaining the mission and concerns of his or her proposed chapter. Authors of accepted proposals will be notified by April 14, 2020 about the status of their proposals and sent chapter guidelines. Full chapters are expected to be submitted by April 30, 2020. All submitted chapters will be reviewed on a double-blind review basis. Contributors may also be requested to serve as reviewers for this project.

Publisher

This book is scheduled to be published by Springer including “Medical Information Science Reference,” “Business Science Reference,” and “Engineering Science Reference” imprints. For additional information regarding the publisher, please visit the site of Springer. This book is anticipated to be released in August 2020.

Important Dates

August 7, 2020:	Proposal Submission Deadline
August 14, 2020:	Notification of Acceptance
August 17, 2020:	Full Chapter Submission
September 1, 2020:	Review Results Returned
September 15, 2020:	Final Chapter Submission
October 15, 2020:	Final Deadline

*Inquiries and submissions can be forwarded **electronically** (Word document) or by **mail** to:*

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