Editorial

The uncertainty present in industrial processes requires the use of tools, methodologies and techniques that allowed better making decisions to managers, for this reason the use of systems integrated into business technologies are usually called Decision Support Systems (DSS). In this volume eight papers are presented that were carefully selected of 12 submissions about the use of different techniques for designing and developing Decision Support System (DSS) in industrial contexts. These papers were evaluated by an editorial board integrated for reviewers with international prestige in this area. The papers were selected by considering the originality, scientific contribution to the field, soundness and technical quality of the papers.

Some used techniques about DSS in industrial contexts presented in this volume are: 1) A conceptual model for the design of a renewable energy supply chain from biomass; 2) Design and Implementation of a Data Warehouse to Support Decision-making in a Health Environment;   3) Agile Dimensional Model for a Data Warehouse Implementation in a Software Developer Company; 4) Multiobjective model to reduce logistics costs and CO_2 emissions in goods distribution; 5) Multi-Agent Model for Urban Goods Distribution; 6) A CBIR System for the Recognition of Agricultural Machinery; 7) The Role of ICT in the Supply Chain of Ciudad Juarez Industrial Sector; 8) Ontology - based Operational Risk Identification in 3PL, among other themes.

The editors would like to express their gratitude to the reviewers who kindly contributed to the evaluation of papers at all stages of the editing process. They equally thank the Editor-in-Chief, Prof. Grigori Sidorov, for the opportunity offered to edit this special issue and for providing his valuable comments to improve the selection of research works. Guest editors are grateful to the National Technological of Mexico for supporting this work. This book was also sponsored by the National Council of Science and Technology (CONACYT) as part of the project named Thematic Network in Industrial Process Optimization, as well as by the Public Education Secretary (SEP) through

Cuauhtémoc Sánchez-Ramírez (Instituto Tecnológico de Orizaba, Mexico)
Giner Alor-Hernández (Instituto Tecnológico de Orizaba, Mexico)
Jorge Luis García-Alcaraz (Universidad Autónoma de Ciudad Juárez, Mexico)
Guest Editors
March 2018