PUBLISHING ACADEMIC EXCELLENCE SINCE 1988

IGI GLOBAL DISSEMINATOR of KNOWLEDGE

Publisher of Innovative Books, Journals, Cases, and Databases in Science, Technology, and Medical Informatics

http://dpcs.uoc.es/IJISSCM09
Call for Papers - IJISSCM Special Issue
Int. J. of Information Systems & Supply Chain Management
Hybrid Algorithms for Solving Realistic Routing, Scheduling and Availability Problems

UOC www.uoc.edu

Angel A. Juan & Daniel Riera
{ajuanp, drierat}(@)uoc.edu
Open University of Catalonia (UOC)
Dep. Computer Sciences, Multimedia and
Telecommunication
Rambla del Poblenou, 156
08018, Barcelona, Spain
Tel: +34 933 263 627
Fax: +34 933 568 822

upna

Javier Faulin
javier.faulin(@)unavarra.es
Public University of Navarre (UPNA)
Dep. Statistics and Operations Research
Campus Arrosadia
31006 Pamplona, Spain
Tel: +34 948 169 211
Fax: +34 948 169 204

MISSOURI S&T

Scott E. Grasman
grasmans(@)@mst.edu
Missouri University of Science & Technology (MUST)
Engineering Management and Systems Engineering
Rolla, MO, USA

Updated October 17th, 2009

CALL FOR PAPERS - IGI IJISSCM

- Full-paper Deadline: **December 31st, 2009**
- Special Issue Title: *Hybrid Algorithms for Solving Realistic Routing, Scheduling and Availability Problems*
- Journal: **Int. J. of Information Systems & Supply Chain Management (IJISSCM)**
  http://www.igi-global.com/IJISSCM
- Editor-in-Chief: **John Wang**, Montclair State University, USA:
- Guest Editors:

  A. A. Juan - **J. Faulin** - **S. Grasman** - **D. Riera**

  ajuanp(@)gmail.com - javier.faulin(@)unavarra.es - grasmans(@)mst.edu - drierat(@)uoc.edu

INTRODUCTION

Every day, enterprises and organizations around the world struggle with the complexity of problems related to vehicle routing, scheduling, system reliability/availability and supply chain management issues. Efficient approaches to confront these problems require combining knowledge from multiple disciplines such as Computer Science (CS), Operations Research (OR), Artificial Intelligence (AI) and Information Technologies & Systems (ITS). The aforementioned problems represent important challenges for strategic sectors in any developed country such as industry and services, which explains the relevance of the proposed topics to current international research.

RECOMMENDED TOPICS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

- Vehicle Routing Problems
- Scheduling
- System Reliability & Availability
- Supply Chain Management
- Information Systems & Technologies
- Collaborative Systems
- Distributed Systems & Distributed Problem Solving
- Computer Simulation & Probabilistic Algorithms
- Heuristics & Parallel Programming
- Grid & Cloud Computing
- Multi-Agent Systems
- Constraint & Dynamic Programming
- Hybrid Intelligent Algorithms
- Related Software & Industrial Applications

OBJECTIVE OF THE SPECIAL ISSUE

The main objective of this special issue is to contribute to the dissemination of original and high-quality research work regarding the development and/or application of new hybrid approaches combining CS, OR, AI and ITS for any of the problems described above.

SUBMISSION PROCEDURE

- Researchers and practitioners are invited to submit papers for this special theme issue on Hybrid Algorithms for Solving Realistic Routing, Scheduling and Availability Problems on or before December 31st, 2009.
- All submissions must be original and may not be under review by another publication. Interested authors must consult the journal's guidelines for manuscript submissions at http://www.igi-global.com/development/author_info/guidelines submission.pdf.
- All submitted papers will be reviewed on a double-blind, peer review basis.
- Papers must follow APA style for reference citations.