

## CONTENTS

<b>Preface</b> .....	<b>IX</b>
<b>Scientific Programme</b> .....	<b>1</b>
<b>Author Listing</b> .....	<b>103</b>

## **SIMULATION IN OR AND KNOWLEDGE MANAGEMENT**

<b>A Bayesian Approach for Knowledge Management Evaluation</b> Katia Passerini and Kemal Cakici.....	<b>5</b>
<b>A Business Simulation and Knowledge Management System for Complex Adaptive Systems: “Causalysator”</b> Carl Henning Reschke.....	<b>9</b>
<b>Testing Methods and Algorithms for the Next Generation of Knowledge Management Systems</b> Joris Vertommen, Bert Vandermeulen, Joost Duflou , Dries Van Dromme and Bart De Moor .....	<b>15</b>
<b>World Innovation Networks; Project Managing Collaborative New Product Development Projects across Time Zones</b> Olaf Diegel .....	<b>20</b>
<b>Introduction of evolutionary Computation into a shared Process: Product Design and Project Management</b> Claude Baron and Daniel Esteve.....	<b>28</b>

## **RISK ANALYSIS MANAGEMENT**

<b>Industrial Risks Management using Agents and dynamic Case-based reasoning</b> Gaele Simon and Hadhoum Boukachour .....	<b>35</b>
<b>European Call Options under Uncertainty</b> Yuji Yoshida .....	<b>40</b>

## **CONTENTS**

### **SIMULATION AND DATAMINING**

<b>Episode Detection with Vector Space Model in Agent Behavior Sequences of MMOGs</b> Ji-Young Ho and Ruck Thawonmas .....	47
<b>Mapping System Theory Problems to the Field of Knowledge Discovery in Databases</b> D.Van Welden.....	55

### **BUSINESS GAMING AND SIMULATION**

<b>An Information-Rich, Virtual Trading Environment</b> Les Green .....	63
<b>On the versatility of use of Business Games at the beginning of the new Century</b> Emmanuel Dion.....	68
<b>Systemic Decision Support in a Complex Business Environment</b> Steen Leleur.....	71
<b>Access analysis of monthly-charged Mobile Content Provision</b> Hiroaki Oiso and Norihisa Komoda.....	76

### **SIMULATION MODELS**

<b>Performance Evaluation Model for E-Procurement Systems</b> G.R.Gangadharan and Rahul Monhot.....	83
<b>An integrated Tool to Generate and select Configurations of simulation models</b> R. Van Loock, H. Pastijn and F. Van Utterbeeck .....	86
<b>Simulation Model of decentralized Coordination Strategies in a Linear Supply Chain</b> Francesco Costantino, Giulio Di Gravio and Massimo Tronci.....	92
<b>System Dynamics Modelling of the Business Production of the Shipbuilding Process</b> Ante Munitic, Frane Mitrovic and Josko Dvornik .....	99