

# **2012 Second International Workshop on Advanced Information Systems for Enterprises**

**(IWAISE 2012)**

**Constantine, Algeria  
10 – 12 November 2012**



**IEEE Catalog Number: CFP1290D-PRT  
ISBN: 978-1-4673-4791-4**

# 2012 IEEE Second International Workshop on Advanced Information Systems for Enterprises

## IWAISE 2012

### Table of Contents

<b>Message from the General Chairs and the Program Chair</b> .....	vii
<b>Program Committee</b> .....	ix
<b>Organizing Committee</b> .....	x
<b>List of Reviewers</b> .....	xi

---

#### 2012 IEEE Second International Workshop on Advanced Information Systems for Enterprises

Keynote 1: Extending Persistent Meta-Modeling Systems to Handle Behavioral Semantics .....	1
<i>Yamine Ait Ameur and Youness Bazhar</i>	
Let Tagging be More Interesting .....	2
<i>Samia Beldjoudi, Hassina Seridi, and Catherine Faron-Zucker</i>	
Return on Experience About Implementing Knowledge Management Systems in Software Engineering: Motivations, Opportunities and Challenges .....	9
<i>Mohammed Amine Mostefai and Mohamed Ahmed-Nacer</i>	
Semantic Enrichment of Relational Databases .....	15
<i>Hamaz Kamal and Benchikha Fouzia</i>	
Service Composition Adaptation: An Overview .....	20
<i>Maryam Eslamichalandar, Kamel Barkaoui, and Hamid Reza Motahari-Nezhad</i>	
A Coalition Formation Based Model for Web Service Composition .....	28
<i>Souilah Benabdelhafid Maya</i>	
An UML Profile to Design Aspects in AspeCiS Approach .....	34
<i>Mohamed Amroune, Nacereddine Zarour, Pierre Jean Charrel, and Jean Michel Inglebert</i>	
Modeling of Architectural Reconfiguration Case Study: Automated Teller Machine .....	40
<i>Taha A. Cherfia, Belala Faïza, and Nadira Benlahrache</i>	
Keynote 2: Cloud Platforms: Concepts, Definitions, Architectures, and Open Issues .....	47
<i>Samir Tata</i>	
Project-Based Learning with a Shared Editor .....	48
<i>Atef Chorfi, Abdelmadjid Zidani, and Fouzi Lezzar</i>	
Recommendation of Learning Resources and Users Using an Aggregation-Based Approach .....	57
<i>Hanane Zitouni, Lamia Berkani, and Omar Nouali</i>	

Increasing Coordination within a Maternity Ward through a CSCW-based Approach .....	64
<i>Fouzi Lezzar, Abdelmadjid Zidani, and Atef Chorfi</i>	
Syntactico-Semantic Interpretation of Natural Language Queries on a Medical Ontology .....	71
<i>Bouhalika Chouaib and Boufaida Zizette</i>	
A Methodology for Exploiting Oceans of Data within Territorial Dynamic Applications .....	78
<i>Jacky Legrand, Francis Rousseaux, Eddie Soulier, Florie Bugeaud, Pierre Saurel, and Houda Neffati</i>	
Towards a Geographic Data Warehouse for Water Resources Management .....	85
<i>Nazih Selmoune, Nadia Abdat, and Zaia Alimazighi</i>	
Tutorial 1: Modeling and Verifying Distributed Systems with Petri Nets .....	92
<i>Souheib Baarir and Fabrice Kordon</i>	
Tutorial 2: A Guided Tour Trough Semantic Interoperability .....	93
<i>Nacer Boudjlida</i>	
Tutorial 3: Tools for Development of MAS .....	94
<i>Zahia Guessoum</i>	
<b>Author Index</b> .....	95