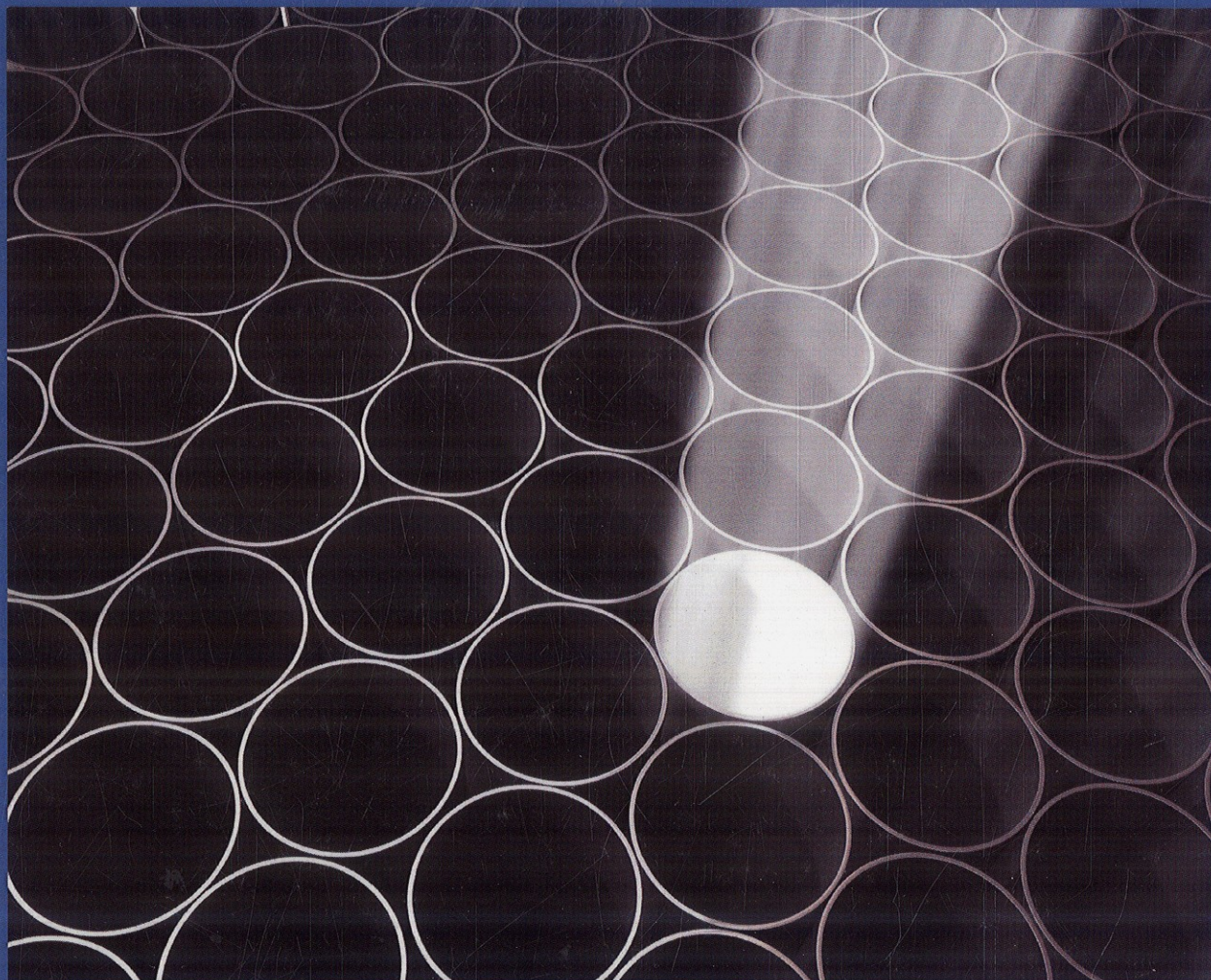


PREMIER REFERENCE SOURCE

Semantic Web Personalization and Context Awareness

Management of Personal Identities
and Social Networking



Miltiadis Lytras, Patricia Ordóñez de Pablos & Ernesto Damiani

Table of Contents

Preface	xv
----------------------	-----------

Chapter 1

Transitioning a Face-To-Face Class to an Online Class: A Knowledge Engineering Narrative.....	1
<i>Margaret Fitzgerald-Sisk , University of Minnesota, USA</i>	
<i>Robert D. Tennyson, University of Minnesota, USA</i>	

Chapter 2

Standardization of Virtual Objects.....	7
<i>Jordán Pascual Espada, Universidad de Oviedo, Spain</i>	
<i>Oscar Sanjuán Martínez, Universidad de Oviedo, Spain</i>	
<i>B. Cristina Pelayo García-Bustelo, Universidad de Oviedo, Spain</i>	
<i>Juan Manuel Cueva Lovelle, Universidad de Oviedo, Spain</i>	
<i>Patricia Ordóñez de Pablos, Universidad de Oviedo, Spain</i>	

Chapter 3

Forum Summarization to Support Tutor and Teacher in Group Interaction Management	22
<i>Antonella Carbonaro, University of Bologna, Italy</i>	

Chapter 4

Social Networking and Trust: Is Personalisation the Only Defence Technique?	32
<i>Vladlena Benson, Kingston University, UK</i>	

Chapter 5

Using Quantum Agent-Based Simulation to Model Social Networks: An Innovative Interdisciplinary Approach.....	42
<i>C. Bisconti, University of Salento, Italy</i>	
<i>A. Corallo, University of Salento, Italy</i>	
<i>M. De Maggio, University of Salento, Italy</i>	
<i>F. Grippa, University of Salento, Italy</i>	
<i>S. Totaro, University of Salento, Italy</i>	

Chapter 6

An Approach to a Semantic Recommender System for Digital Libraries	55
--	----

José M. Morales-del-Castillo, University of Granada, Spain

Eduardo Peis, University of Granada, Spain

Enrique Herrera-Viedma, University of Granada, Spain

Chapter 7

Domain-Specific Ontologies Trading for Retrieval and Integration of Information in Web-Based Information Systems.....	69
--	----

José-Andrés Asensio, University of Almería, Spain

Javier Criado, University of Almería, Spain

Luis Iribarne, University of Almería, Spain

Nicolás Padilla, University of Almería, Spain

Chapter 8

Technology Engineering for NPD Acceleration: Evidences from the Product Design	81
--	----

Nouha Taift, University of Salento, Italy

Eliana Campi, University of Salento, Italy

Valerio Cisternino, University of Salento, Italy

Antonio Zilli, University of Salento, Italy

Angelo Corallo, University of Salento, Italy

Giuseppina Passiante, University of Salento, Italy

Chapter 9

Locating Doctors Using Social and Semantic Web Technologies: The MedFinder Approach.....	94
--	----

Alejandro Rodríguez-González, Universidad Carlos III de Madrid, Spain

Ángel García-Crespo, Universidad Carlos III de Madrid, Spain

Ricardo Colomo-Palacios, Universidad Carlos III de Madrid, Spain

José Emilio Labra-Gayo, Universidad de Oviedo, Spain

Juan Miguel Gómez Berbís, Universidad Carlos III de Madrid, Spain

Chapter 10

Refactoring and its Application to Ontologies.....	107
--	-----

Jordi Conesa, Universitat Oberta de Catalunya, Spain

Antoni Olive, Universitat Politècnica de Catalunya, Spain

Santi Caballé, Universitat Oberta de Catalunya, Spain

Chapter 11

Evolution in Ontology-Based User Modeling	137
---	-----

Jairo Francisco de Souza, Federal University of Juiz de Fora, Brazil

Sean Wolfgang Matsui Siqueira, Federal University of the State of Rio de Janeiro, Brazil

Rubens Nascimento Melo, Pontifical Catholic University of Rio de Janeiro, Brazil

Chapter 12

Collaborative Filtering: Inference from Interactive Web.....	151
--	-----

Tania Al. Kerkiri, University of Macedonia, Greece

Dimitris Konetas, University of Ioannina, Greece

Chapter 13

Student Models Review and Distance Education	164
--	-----

Avgoustos. A. Tsinakos, University of Kavala Institute of Technology, Greece

Compilation of References	181
--	-----

About the Contributors	202
-------------------------------------	-----

Index	211
--------------------	-----