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Disciplina	003
Soggetti	Computer networks Software engineering Application software Information storage and retrieval systems Artificial intelligence Telecommunication Computer Communication Networks Software Engineering Computer and Information Systems Applications Information Storage and Retrieval Artificial Intelligence Communications Engineering, Networks
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Nota di contenuto	Automated Trading for Smart Grids: Can It Work? -- A Semantic-Based Algorithm for Data Dissemination in Opportunistic Networks -- Characteristic Analysis of Response Threshold Model and Its Application for Self-organizing Network Control -- Emergence of Global Speed Patterns in a Traffic Scenario -- On the Efficiency of Information-Assisted Search for Parking Space: A Game-Theoretic Approach -- The Relative Disagreement Model of Opinion Dynamics: Where Do Extremists Come From? -- Modeling the Emergence of a New Language: Naming Game with Hybridization -- Trust-Based Scenarios --

Predicting Future Agent Behavior in Open Self-organizing Systems --  
Addressing Phase Transitions in Wireless Networking Optimization --  
On the Local Approximations of Node Centrality in Internet Router-  
Level Topologies -- Modelling Critical Node Attacks in MANETs --  
Evolution as a Tool to Design Self-organizing Systems -- Self-  
organization Promotes the Evolution of Cooperation with Cultural  
Propagation -- Not All Paths Lead to Rome: Analysing the Network of  
Sister Cities -- A Hybrid Threat Detection and Security Adaptation  
System for Industrial Wireless Sensor Networks -- Mapping of Self-  
organization Properties and Non-functional Requirements in Smart  
Grids -- A Self-organising Approach for Smart Meter Communication  
Systems -- Unifying Sensor Fault Detection with Energy Conservation  
-- Towards a Distributed, Self-organising Approach to Malware  
Detection in Cloud Computing -- Demand Response by Decentralized  
Device Control Based on Voltage Level.

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**Sommario/riassunto**

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This book constitutes the thoroughly refereed post-conference proceedings of the 7th IFIP TC 6 International Workshop on Self-Organizing Systems, IWSOS 2013, held in Palma de Mallorca, Spain, in May 2013. The 11 revised full papers and 9 short papers presented were carefully selected from 35 paper submissions. The papers are organized in following topics: design and analysis of self-organizing and self-managing systems, inspiring models of self-organization in nature and society, structure, characteristics, and dynamics of self-organizing networks, self-organization in techno-social systems, self-organized social computation, and self-organized communication systems.

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