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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Evaluation of a Communication Environment for High-Speed Mobile Wireless LAN Clients -- Small Worlds of Concepts and Other Principles of Semantic Search -- Communities in Graphs -- Randomly Distributed Tasks in Bounded Time -- e-Learning and Communities, Supporting the Circulation of Knowledge Pieces -- Where to Start Browsing the Web? -- Small-World Networks Revisited -- Message-Oriented-Middleware in a Distributed Environment -- Recursive Node Similarity in Networked Information Spaces -- Mobile Business Processes -- A

Distributed Communication System for Integration with Logistics Software -- Fault Tolerant Geographical Addressing -- Improving Web Server Performance by Distributing Web Applications -- On How to Model Content Engineering in a Semantic Web Environment -- Matching Algorithms in Alternative File-Sharing Systems to Find New Users Having New Content -- A Fuzzy Kernel-Based Method for Real-Time Network Intrusion Detection -- Testing Protocol Robustness -- Semantic Geocast Using a Self-organizing Infrastructure -- Linguistic Knowledge Services – Developing Web Services in Language Technology -- The Application of XML Templates for Task Preparation in an Electronic Memory Aid System -- Aggregation Transformation of XML Schemas to Object-Relational Databases.

Sommario/riassunto

The papers in this volume were presented at the workshop “Innovative Internet Community Systems 2003” held on June 19–21, 2003 in Leipzig. IICS 2003 was the third workshop in the IICS series.

The purpose of these workshops is to bring together researchers in the area of system and information management for the Next Generation Internet (NGI). Like the preceding two workshops, IICS 2001 and IICS 2002, this year’s workshop was organized by the Gesellschaft für Informatik (GI) in Germany to support the exchange of experiences, results and technology in the area of focus. The 21 papers (2 invited, 19 other contributions) presented at the conference and in the present volume were selected from more than 30 submissions. Every submission was fully reviewed by 3 members of the program committee. We wish to thank all those who made the meeting possible: the authors for submitting papers, the members of the program committee for their excellent work, and the two invited speakers. We wish to express our sincere appreciation to Regine Gabler (University of Leipzig) and Barbara Hamann (Technical University, Ilmenau) for their great efforts and perfect work concerning the administrative details associated with the workshop and the preparation of this volume. Finally, we wish to acknowledge the substantial help provided by our sponsors: the University of Leipzig, the Technical University, Ilmenau, and the TKK (Techniker Krankenkasse) Leipzig. August 2003 Thomas Böhme Gerhard Heyer Herwig Unger VI Organization Organization IICS 2003 was organized by the Gesellschaft für Informatik (GI) in Germany.