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| | | Computer science |
| | | Software engineering |
| | | Computer logic |
| | | Artificial intelligence |
| | | Computer Communication Networks |
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| | | Software Engineering/Programming and Operating Systems |
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| | Nota di contenuto | Workshop Innovative Internet Computing Systems -- Multicast Protocols For Jinni Agents -- Modern Software Engineering Methods for IP-QoS Resource Pool Management -- Adaptive Quality of Service Management Using QoS Proxy and User Feedback for Wireless Links -- Sharing Extendible Arrays in a Distributed Environment -- Pini — A Jini-Like Plug&Play Technology for the KVM/CLDC -- Discovering Internet Services: Integrating Intelligent Home Automation Systems to Plug and Play Networks -- Reusing Single-User Applications to Create Multi-user Internet Applications -- Graph-Theoretic Web Algorithms: An Overview -- Prefetching Tiled Internet Data Using a Neighbor |

Selection Markov Chain -- A General Adaptive Cache Coherency-Replacement Scheme for Distributed Systems -- Agents Based Collaborative Framework for B2C Business Model and Related Services -- Agent-Based Distributed Computing with JMessengers -- Agent-Based Wave Computation: Towards Controlling the Resource Demand -- A Design for JTrader, an Internet Trading Service -- Computer-Supported Deliberations for Distributed Teams -- Hardware Security Concept for Spontaneous Network Integration of Mobile Devices.

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| Sommario/riassunto | Nowadays, the Internet is the most commonly used medium for the exchange of data in di?erent forms. Presently, over 60 million machines have access to the Internet and to its resources. However, the Internet is also the largest distributed system o?ering di?erent computational services and possibilities not only for cluster computing. If the needs of modern mobile computing and multimedia systems are taken into account, it becomes clear that modern methods must ensure an e?ective development and management of the Internet allowing each user fast access to this huge resource space. The Innovative Internet Computing Systems workshop is organized by the Gesellschaft fur ¨ Informatik(GI) in Germany. It intends to be an open me- ing point for scientists dealing with di?erent aspects of this complex topic. In contrast to the Distributed Communities on the Web workshops, which can be 2 considered as the roots of I CS, special attention is given to fundamental - search works and the application of theoretical and formal results in practical implementations. |