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Nota di contenuto	Invited Paper -- Information Flow Analysis in Autonomous Agent and Peer-to-Peer Systems for Self-organizing Electronic Health Records -- P2P Infrastructure -- Hybrid DHT Design for Mobile Environments -- DANTE: A Self-adapting Peer-to-Peer System -- The Exclusion of Malicious Routing Peers in Structured P2P Systems -- Agents in P2P -- Cooperative CBR System for Peer Agent Committee Formation -- Mobile Agent-Based Approach for Resource Discovery in Peer-to-Peer Networks -- P2P Search -- Chora: Expert-Based P2P Web Search -- K-link: A Peer-to-Peer Solution for Organizational Knowledge Management -- An Analysis of Interest-Community Facilitated Peer-to-Peer Search -- Applications -- Mitigating the Impact of Liars by Reflecting Peer's Credibility on P2P File Reputation Systems -- A Comparative Study of Reasoning Techniques for Service Selection -- PROSA: P2P Resource Organisation by Social Acquaintances -- Reliable P2P File Sharing Service -- Studying Viable Free Markets in Peer-to-Peer File Exchange Applications without Altruistic Agents -- Distributed Multi-layered Network Management for NEC Using Multi-Agent Systems -- Facilitating Collaboration in a Distributed Software Development Environment Using P2P Architecture -- A Peer to Peer Grid Computing System Based on Mobile Agents.

Sommario/riassunto

This book constitutes the thoroughly refereed post-workshop proceedings of the 5th International Workshop on Agents and Peer-to-Peer Computing, AP2PC 2006, held in Hakodate, Japan, in May 2006, in the context of the 5th International Joint Conference on Autonomous Agents and Multi-Agent Systems, AAMAS 2006. The 10 revised full papers and 6 revised short papers presented together with 1 invited paper were carefully reviewed and selected from 23 submissions; they are fully revised to incorporate reviewers' comments and discussions at the workshop. The volume is organized in topical sections on P2P Infrastructure, agents in P2P, P2P search, and applications.