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Soggetti	Electrical engineering Computer networks Software engineering Operating systems (Computers) Information storage and retrieval Artificial intelligence Communications Engineering, Networks Computer Communication Networks Software Engineering Operating Systems Information Storage and Retrieval Artificial Intelligence
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Network and Service Management / QoS Provisioning -- Efficient Formation of Dynamic Bluetooth Scatternet via Mobile Agent Processing -- Specification and Selection of Network Management Agents -- Mobile Agents for Dynamic SLA Negotiation -- Service Management – Service Provisioning -- Service Provisioning and Management in Telecom Environments Using Active Network Technology -- ASPOSE: Agent-Based Service Provisioning in Open Services Environment -- Policy-Based Service Provisioning and Users Management Using Mobile

Agents -- Context-Aware Services Provisioning on Top of Active Technologies -- Context Aware Applications 1 -- COSMOS: A Context-Centric Access Control Middleware for Mobile Environments -- Agent Support for Context-Aware Services and Personal Mobility -- Delivery Context Negotiated by Mobile Agents Using CC/PP -- Context Aware Applications 2 -- Policy-Driven Mobile Agents for Context-Aware Service in Next Generation Networks -- Merging Virtual and Real Worlds in an Agent-Oriented Collaborative Environment -- A Formal Model of Active Contents Based on the Ambient Calculus -- Mobile Networks and Applications -- Introducing MPLS in Mobile Data Networks: An High Performance Framework for QoS-Powered IP Mobility -- Dynamic Resource Management for Mobile Services -- Adaptable Mobile Applications: Exploiting Logical Mobility in Mobile Computing -- Agent Platforms -- Design of a FIPA-Compliant Agent Platform for Limited Devices -- Implementation of a Mobile Agent Platform Based on Web Services -- EasiShop: Enabling uCommerce through Intelligent Mobile Agent Technologies -- Agent Platforms -- Mobility -- Agent Migration over FIPA ACL Messages -- A Mobile Agent Manager -- An Evidence-Based Mobility Prediction Agent Architecture -- A Novel Architectural Framework for Adapting Mobile Agents to Host Variation -- Agent Platforms -- Security -- Combining Immune Systems and Social Insect Metaphors: A Paradigm for Distributed Intrusion Detection and Response System -- Secure Mobile Agents Applications: Implementation through Platform Services -- Protecting Mobile Agent Itineraries -- Implementation and Performance Evaluation of a Protocol for Detecting Suspicious Hosts.

Sommario/riassunto

The aim of the MATA workshops series is to provide a unique opportunity for researchers from the IT, Internet, and telecommunications domain, as well as related software and application developers and service providers to discuss the advances in agent technologies and their applications in next generation mobile Internet and telecommunications. Since 1999 in Canada, MATA workshops have contributed to the creation of a research community around mobile agents and their use in telecommunication applications. The 2003 workshop focused on recent developments in agent technologies and particularly the use of agent technologies within the fields of network management, dynamic service provisioning and management, nomadic and mobile computing, context aware services and environments, active and programmable networks, policybasedservicesandmanagement,ad hocnetworking,peer-to-peer computing, ambient intelligence, Wireless Java, software defined radio, adaptive mobile end systems, virtual home environments, smart home, smart cars and navigation, e-learning, m-commerce, and other related 3Gb areas. October 2003 Eric HORLAI VI Preface Scientific Program Committee T. Araragi, NTT, Japan P. Bellavista, Bologna, Italy F. Bellifemine, TILab, Italy R. Boutaba, Univ. of Waterloo, Canada P. Brezillon, LIP6, France B. Burg, HP Labs, USA J. Celestino Junior, FUC, Brazil J. Delgado, UPF Barcelona, Spain B. Dillenseger, France Telecom, France W. Enkelmann, Chrysler AG, Germany B. Falchuk, Telecordia, USA R. Glitho, Ericsson, Canada Y. Gourhant, FT R&D, France S. Guan, NUS, Singapore S. Honiden, NII, Japan E. Horlait, LIP6, France R. Impey, NRC, Canada Y. Ismailov, Ericsson, Sweden A. Karmouch, Univ. of Ottawa, Canada K. Kim, Konkuk University, Korea L.