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Collana	Lecture Notes in Artificial Intelligence ; ; 1699
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Architectures, Tools and Languages -- JIAC — A Toolkit for Telecommunication Applications -- Grasshopper — A Mobile Agent Platform for Active Telecommunication Networks -- Network Management -- Advanced Network Management Functionalities through the Use of Mobile Software Agents -- Market-Based Call Routing in Telecommunications Networks Using Adaptive Pricing and Real Bidding -- Co-operating Market/Ant Based Multi-agent Systems for Intelligent Network Load Control -- JAMES: A Platform of Mobile Agents for the Management of Telecommunication Networks -- Using Mobile Agents for Distributed Network Performance Management -- Electronic Commerce -- Realization of an Agent-Based Certificate Authority and Key Distribution Center -- Telecommunication Services -- Providing Telecommunication Services through Multi-agent Negotiation -- Dynamic VPN Provisioning through Communicative Agents -- Mobility Support with a Mobile Agent System -- Software Agents for Enhancing Messaging in a Universal Personal Numbering Service -- Abrose: A Cooperative Multi-agent Based Framework for Marketplace.
Sommario/riassunto	The first international workshop on Intelligent Agents for Telecommunications Applications (IATA'96) was held in July 1996 in Budapest during the XII European Conference on Artificial Intelligence

ECAI'96. The workshop program consisted of technical presentations addressing agent based solutions in areas such as network architecture, network management, and telematic services. Presentations gave rise to a lively debate on the advantages and difficulties of incorporating agent technology in telecommunications. The proceedings were published by IOS Press providing introductory papers on agent technology as well as telecom applications and services and also papers about appropriate languages and development tools. The second International Workshop, IATA'98, was held in Paris, in the framework of Agents' World which brought together the principal scientific and technical events on agent technology such as the International Conference on Multi Agent Systems (ICMAS'98), RoboCup' 98 devoted to an international competition between soccer playing robot teams, and six international workshops. Each workshop focused on specific aspects of agent technology such as databases and information discovery on the Internet (CIA'98), Collective Robotics (CRW'98), Simulation (MABS'98), Agent Theories, Architectures and Languages (ATAL'98), Communityware (ACW'98), and Telecommunications Applications (IATA'98). The proceedings of IATA' 98 were published by Springer Verlag.
