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	Soggetti	Computers and civilization
		Computers
		Law and legislation
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		Computer science
		Personal computers
		Computer communication systems
		Application software
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	Nota di contenuto	Service -- Implementation and Usability Evaluation of AAC System for Handicapped Persons -- Tracking Data Management of Spatial DBMS Using Topology for Location-Based Services -- Optimized Initiation Phases for Anonymous Auction Protocols -- Wireless I -- mSCTP for

Vertical Handover Between Heterogeneous Networks -- Increasing TCP Capacity in Wireless Multihop Networks -- A Study on Scalable Bluetooth Piconet for Secure Ubiquitous -- Security I -- A Mobile Phone Malicious Software Detection Model with Behavior Checker -- Mobile Password System for Enhancing Usability-Guaranteed Security in Mobile Phone Banking -- Internet Applications I -- Development of the Efficient OWL Document Management System for the Embedded Applications -- Internet at a Crossroads of Education -- Internet Applications II -- Use Case Study of Grid Computing with CGSP -- Visual Media Retrieval Framework Using Web Service -- Proposal of Social Internetworking -- Information Retrieval -- Exploiting Fine Grained Parallelism for Acceleration of Web Retrieval -- Semantic Template Generation Based Information Summarization for Mobile Devices -- A Strategy for Maintaining Client-Based Web Warehouse -- Medical Applications -- A Groupware Design for Supporting International Medical Collaboration over the Internet -- Towards the Construction of the Information Infrastructure for Genome Medicine -- Establishment and Assessment of Wide Area Medical Information Network System in Hokkaido -- Multimedia -- A Multimedia Service Implementation Using MJPEG and QCELP in Wireless Handset -- On a Video Surveillance System with a DSP by the LDA Algorithm -- A Web Service-Based Molecular Modeling System Using a Distributed Processing System -- Web Retrieval and Applications -- Automatic Generation and Use of Negative Terms to Evaluate Topic-Related Web Pages -- How to Evaluate the Effectiveness of URL Normalizations -- A New Approach for Semi-supervised Online News Classification -- E-Learning -- Automatic Generation of Web-Based Mathematical Courseware for Solving Simultaneous Equations -- Intercultural and Multilingual E-Learning to Bridge the Digital Divide -- SMIL-Based eLearning Wrapper for Incorporating Computer Games on Personalized Multimedia Course Materials -- Security II -- A Novel Conference Key Distribution System with Re-keying Protocol -- Multi-modal Techniques for Identity Theft Prevention -- Wireless II -- Vector Graphics Application Using Self-networking and Replaceable Structure in Wireless Handset -- Privacy-Aware Location Dependent Services over Wireless Internet with Anycast -- Short Contributions -- Economically-Motivated Decentralized Control of Eco-Network Computation Platform -- Correlations Between Digital Tools and Humans Cognitive Processes -- Detecting Adult Images Using Seven MPEG-7 Visual Descriptors -- Multi-proxy Signatures Based on Diffie-Hellman Problems Allowing Repeated Delegations -- Internet Collaboration: A Promise for Technology Transferring to Developing Countries -- A Method to Monitor a BBS Using Feature Extraction of Text Data -- Efficient Iris-Region Normalization for a Video Surveillance System -- A Design of Presentation System for Interactive Multimedia Contents Based on Event-Driven Processing Model -- Searching Color Images by Emotional Concepts.

| Sommario/riassunto | The Internet has now become an integral part of everyday life for hundreds of millions of people around the world. The uses of the Internet have augmented commerce, communication, education, governance, entertainment, health care, etc. E-mail has become an indispensable part of life; the Web has become an indispensable source of information on just about everything; people now use governmentWebsitestoreceiveinstructionsandinformation,and? lepaperwork with the government; many major online businesses have been created, such as Amazon, eBay, Google, Travelocity, eTrade, etc. However, the uses of the Internet have also had serious negative e?ects, - cluding spam, the spreading of viruses and worms, spyware, |

phishing, hacking, online fraud, invasions of privacy, etc. Viruses and worms often bring down tens of millions of computers around the world; many people get duped into furni- ing their personal identi?cations, and bank and insurance account information, etc. ; hackers break into government and corporation computers to steal cri- cal data; unsubstantiated rumors about individuals or organizations spread like wild?re on the Internet, etc. Further, the uses of the Internet are creating new paradigms in areas such as copyright, governance, etc. The widespread use of peer-to-peer ?le sharing systems, started by Napster,is forcing a reassessment of the value of holding copyright on digital media. Internet postings by vocal citizens to the Web sites of the news media, governmento?ces, and elected g- ernment o?cials are impacting government policies and swaying the opinions of other citizens. The aim of the International Conference on Human.