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Soggetti	Software engineering Application software Computer communication systems Information storage and retrieval Artificial intelligence Computers and civilization Software Engineering/Programming and Operating Systems Information Systems Applications (incl. Internet) Computer Communication Networks Information Storage and Retrieval Artificial Intelligence Computers and Society
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Architecture and Algorithms for a Distributed Reputation System -- Regularity-Based Trust in Cyberspace -- A Trust Matrix Model for Electronic Commerce -- Hardware Security Appliances for Trust -- Managing Trust and Reputation in the XenoServer Open Platform -- Trust-Based Protection of Software Component Users and Designers -- Trust Management Tools for Internet Applications -- Trust-Based Filtering for Augmented Reality -- Towards the Intimate Trust Advisor -- Trusting Collaboration in Global Computing Systems -- Trust, Reliance, Good Faith, and the Law -- Social Capital, Community Trust,

and E-government Services -- Simulating the Effect of Reputation Systems on E-markets -- Integrating Trustfulness and Decision Using Fuzzy Cognitive Maps -- Methodology to Bridge Different Domains of Trust in Mobile Communications -- A Subjective Approach to Routing in P2P and Ad Hoc Networks -- Trust Propagation in Small Worlds -- Enforcing Collaboration in Peer-to-Peer Routing Services -- Statistical Trustability (Conceptual Work) -- An Introduction to Trust Negotiation -- Experience with the KeyNote Trust Management System: Applications and Future Directions -- Fidelis: A Policy-Driven Trust Management Framework -- Implementation of an Agent-Oriented Trust Management Infrastructure Based on a Hybrid PKI Model -- Authenticated Dictionaries for Fresh Attribute Credentials.

Sommario/riassunto

iTrust is an Information Society Technologies (IST) working group, which started on 1st of August, 2002. The working group is being funded as a concerted action/ thematic network by the Future and Emerging Technologies (FET) unit of the IST program. The aim of iTrust is to provide a forum for cross-disciplinary investigation of the application of trust as a means of establishing security and con?dence in the global computing infrastructure, recognizing trust as a crucial enabler for meaningful and mutually bene?cial interactions. The proposed forum is intended to bring together researchers with a keen interest in complementary aspects of trust, from technology-oriented disciplines and the ?elds of law, social sciences, and philosophy. Hence providing the c- sortium participants (and the research communities associated with them) with the common background necessary for advancing toward an in-depth underst- ding of the fundamental issues and challenges in the area of trust management in open systems. Broadly the initiative aims to: – facilitate the cross-disciplinary investigation of fundamental issues underp- ning computational trust models by bringing together expertise from te- nology oriented sciences, law, philosophy, and social sciences – facilitate the emergence of widely acceptable trust management processes for dynamic open systems and applications – facilitate the development of new paradigms in the area of dynamic open systems which e?ectively utilize computational trust models – help the incorporation of trust management elements in existing standards.