

1. Record Nr.	UNINA9910485143003321
Titolo	Autonomic and Trusted Computing : 6th International Conference, ATC 2009 Brisbane, Australia, July 7-9, 2009 Proceedings / / edited by Juan González Nieto, Guojun Wang, Wolfgang Reif, Jadwiga Indulska
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	3-642-02704-0
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (XII, 269 p.)
Collana	Programming and Software Engineering, , 2945-9168 ; ; 5586
Altri autori (Persone)	Gonzalez NietoJuan M
Disciplina	005.8
Soggetti	Data protection Software engineering Computer networks Cryptography Data encryption (Computer science) Application software Electronic data processing - Management Data and Information Security Software Engineering Computer Communication Networks Cryptology Computer and Information Systems Applications IT Operations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Keynote Speech -- Design for Trust in Ambient and Ubiquitous Computing -- Organic and Autonomic Computing -- Towards an Organic Network Control System -- A Universal Self-Organization Mechanism for Role-Based Organic Computing Systems -- Towards Self-organization in Automotive Embedded Systems -- Analyzing the Behavior of an Artificial Hormone System for Task Allocation -- A Software Test Cases Automated Generation Algorithm Based on Immune Principles -- Management without (Detailed) Models -- Formal

Development of Self-organising Systems -- Using Reinforcement Learning for Multi-policy Optimization in Decentralized Autonomic Systems -- An Experimental Evaluation -- Trusted Computing -- SAcnf: Semantic Attestation of Software Configurations -- ALOPA: Authorization Logic for Property Attestation in Trusted Platforms -- Wireless Sensor Networks -- Employed BPN to Multi-sensors Data Fusion for Environment Monitoring Services -- Argus: A Light-Weighted Secure Localization Scheme for Sensor Networks -- Trust -- A Methodology towards Usable Trust Management -- Formalizing Trust Based on Usage Behaviours for Mobile Applications -- Toward Trustworthy Semantic Web Service Discovery and Selection -- Fuzzy Regression Based Trust Prediction in Service-Oriented Applications -- Theories of Trust for Communication Protocols -- Trust and Reputation Policy-Based Mechanisms for Self-protection in Autonomic Communications.

Sommario/riassunto

This book constitutes the refereed proceedings of the 6th International Conference on Autonomic and Trusted Computing, ATC 2009, held in Brisbane, Australia, in July 2009, co-located with UIC 2009, the 6th International Conference on Ubiquitous Intelligence and Computing. The 17 revised full papers presented together with one invited paper and one keynote talk were carefully reviewed and selected from 52 submissions. The regular papers are organized in topical sections on organic and autonomic computing, trusted computing, wireless sensor networks, and trust.
