

1. Record Nr.	UNINA9910768463503321
Titolo	Coordination Models and Languages : 6th International Conference, COORDINATION 2004, Pisa, Italy, February 24-27, 2004, Proceedings / / edited by Rocco De Nicola, Gianluigi Ferrari, Greg Meredith
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2004
ISBN	1-280-30799-4 9786610307999 3-540-24634-7
Edizione	[1st ed. 2004.]
Descrizione fisica	1 online resource (X, 330 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2949
Disciplina	004.35
Soggetti	Computer architecture Programming languages (Electronic computers) Computer programming Computer networks Software engineering Computers Computer System Implementation Programming Languages, Compilers, Interpreters Programming Techniques Computer Communication Networks Software Engineering Computation by Abstract Devices
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 at the end of each chapters and index.
Nota di contenuto	Invited Talks -- A Reactive Programming Model for Global Computing -- Open Issues and Opportunities in Web Services Modeling, Development, and Management -- Compositionality, Coordination and Software Architecture -- Contributed Papers -- Problem Frames: A Case for Coordination -- O'Klaim: A Coordination Language with Mobile Mixins -- On Calculi for Context-Aware Coordination --

Probabilistic and Prioritized Data Retrieval in the Linda Coordination Model -- Measuring Component Adaptation -- An Operational Semantics for StAC, a Language for Modelling Long-Running Business Transactions -- From Endogenous to Exogenous Coordination Using Aspect-Oriented Programming -- Probabilistic KLAIM -- A Lightweight Coordination Middleware for Mobile Computing -- Enforcement of Communal Policies for P2P Systems -- An Infrastructure to Build Secure Shared Grid Spaces -- Optimistic Concurrency Semantics for Transactions in Coordination Languages -- Active Coordination in Ad Hoc Networks -- CoorSet: A Development Environment for Associatively Coordinated Components -- On the Expressiveness of Absolute-Time Coordination Languages -- Logic Based Coordination for Event-Driven Self-healing Distributed Systems -- Using Coordination Middleware for Location-Aware Computing: A Lime Case Study -- VIPER: A Visual Protocol Editor -- Social Control Mechanisms to Coordinate an Unreliable Agent Society -- A Component-Based Parallel Constraint Solver.

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#### Sommario/riassunto

This book constitutes the refereed proceeding of the 6th International Conference on Coordination Models and Languages, COORDINATION 2004, held in Pisa, Italy in February 2004. The 20 revised full papers presented together with the abstracts of 3 invited talks were carefully reviewed and selected from 72 submissions. Among the topics addressed are context-aware coordination, the Linda coordination model, component adaptation, aspect-oriented programming, coordination middleware, peer-to-peer systems, coordination languages, network coordination, logic based coordination, agent coordination, as well as several coordination tools.

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