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-- A Formal Account of Contracts for Web Services -- Execution Semantics for Service Choreographies -- Analysis and Verification of Time Requirements Applied to the Web Services Composition -- A Formal Approach to Service Component Architecture -- Evaluating the Scalability of a Web Service-Based Distributed e-Learning and Course Management System -- Choreography Conformance Analysis: Asynchronous Communications and Information Alignment -- Application of Model Checking to AXML System's Security: A Case Study -- Towards a Unifying Theory for Web Services Composition -- Towards the Formal Model and Verification of Web Service Choreography Description Language.

Sommario/riassunto

Here are the refereed proceedings of the Third International Workshop on Web Services and Formal Methods, WS-FM 2006, held in conjunction with the Fourth International Conference on Business Process Management, BPM 2006. The book presents 15 revised full papers and 3 invited lectures covering such topics as protocols and standards for WS; languages and description methodologies for Coreography/Orchestration/Workflow; coordination techniques for WS; security, performance evaluation and quality of service, and more.
