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-- Relationship-Preserving Change Propagation in Process Ecosystems -- Scheduling Service Tickets in Shared Delivery -- Cloud Programming Hybrid Services in the Cloud -- QoS- Aware Cloud Service Composition Based on Economic Models -- Cloud Service Selection Based on Variability Modeling -- Service Engineering 2 -- Extending Enterprise Service Design Knowledge Using Clustering -- Participatory Service Design through Composed and Coordinated Service Feature Models -- PerCAS: An Approach to Enabling Dynamic and Personalized Adaptation for Context-Aware Services -- Service Management 2-A Method for Assessing Influence Relationships among KPIs of Service Systems -- Dynamic Performance Management in Multi-tenanted Business Process Servers Using Nonlinear Control -- An Optimized Derivation of Event Queries to Monitor Choreography Violations -- Service QoS -- Dynamic Service Selection with End-to-End Constrained Uncertain QoS Attributes.-A Constraint-Based Approach to Quality Assurance in Service Choreographies.-Structural Optimization of Reduced Ordered Binary Decision Diagrams for SLA Negotiation in IaaS of Cloud Computing.-Service Engineering 3 A Service Composition Framework Based on Goal-Oriented Requirements Engineering, Model Checking, and Qualitative Preference Analysis -- WCP-Nets:A Weighted Extension to CP-Nets for Web Service Selection -- WS-Finder:A Framework for Similarity Search of Web Services -- Service Security, Privacy and Personalization -- A Framework for Trusted Services -- Configuring Private Data Management as Access Restrictions: From Design to Enforcement -- Modeling User's Non-functional Preferences for Personalized Service Ranking.-Service Applications in Business and Society.-An Adaptive Mediation Framework for Mobile P2P Social Content Sharing -- Socially-Enriched Semantic Mashup of Web APIs -- Application of Business-Driven Decision Making to RESTful Business Processes -- Service Composition and Choreography Declarative Choreographies for Artifacts -- Managing Resource Contention in Embedded Service- Oriented Systems with Dynamic Orchestration -- Semantic Service Composition Framework for Multidomain Ubiquitous Computing Applications -- Service Scaling and Cloud Sparse Functional Representation for Large-Scale Service Clustering -- Updatable Process Views for User-Centered Adaption of Large Process Models -- Management-Based License Discovery for the Cloud (Short Paper) -- Research Papers–Short.-Service Composition and Choreography Ensuring Well-Formed Conversations between Control and Operational Behaviors of Web Services.-Variability in Service-Oriented Systems: An Analysis of Existing Approaches -- A Symbolic Framework for the Conformance Checking of Value-Passing Choreographies -- Service Composition Management Using Risk Analysis and Tracking.-Process Management Assisting Business Process Design by Activity Neighborhood Context Matching.-Adaptive Case Management in the Social Enterprise.-Automating Form-Based Processes through Annotation -- PASOAC-Net:A Petri-Net Model to Manage Authorization in Service-Based Business Process.-Service Description and Discovery.-WSTRank:Ranking Tags to Facilitate Web Service Mining. Maintaining Motivation Models (in BMM) in the Context of a (WSDL-S) Service Landscape -- Ontology-Learning-Based Focused Crawling for Online Service -- Advertising Information Discovery and Classification -- A Learning Method for Improving Quality of Service Infrastructure Management in New Technical Support Groups -- Service Management -- Adaptive Service-Oriented Mobile Applications: A Declarative Approach -- Algorithmic Aspects of Planning under Uncertainty for Service Delivery Organizations -- A Dynamic QoS-Aware Semantic Web Service Composition Algorithm -- IT Incident Management by

Analyzing Incident Relations.-Service Security, Privacy and Personalization An Association Probability Based Noise Generation Strategy for Privacy Protection in Cloud Computing.-ARIMA Model-Based Web Services Trustworthiness Evaluation and Prediction -- Analyzing Coopetition Strategies of Services within Communities -- Trust-Based Service Discovery in Multi-relation Social Networks -- Industrial Papers -- Service Applications RETRAiN:A REcommendation Tool for Reconfiguration of RetAil BaNk Branch.-Automate Back Office Activity Monitoring to Drive Operational Excellence -- Collective Intelligence for Enhanced Quality Management of IT Services -- Cloud Computing MapReduce- Based Data Stream Processing over Large History Data -- An Efficient Data Dissemination Approach for Cloud Monitoring -- A Service Oriented Architecture for Exploring High Performance Distributed Power Models -- Industrial Papers–Short.-Business Process Extensions as First-Class Entities— A Model-Driven and Aspect-Oriented Approach.-Towards Dynamic Reconfiguration for QoS Consistent Services Based Applications -- An Ontology-Based IoT Resource Model for Resources Evolution and Reverse Evolution.

Sommario/riassunto

This book constitutes the conference proceedings of the 10th International Conference on Service-Oriented Computing, ICSOC 2012, held in Shanghai, China in November 2012. The 32 full papers and 21 short papers presented were carefully reviewed and selected from 185 submissions. The papers are organized in topical sections on service engineering, service management, cloud, service QoS, service security, privacy and personalization, service applications in business and society, service composition and choreography, service scaling and cloud, process management, service description and discovery, service security, privacy and personalization, applications, as well as cloud computing.