



# Advanced Information Systems Engineering [ 27th International Conference, CAiSE 2015, Stockholm, Sweden, June 8-12, 2015, Proceedings /

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Computer science Software engineering Database management  
Information systems Management information systems Computer Science  
Information Systems Applications (incl. Internet) Software Engineering  
Database Management Business Information Systems Computer Appl. in  
Administrative Data Processing

Monografía

This book constitutes the proceedings of the 27th International Conference on Advanced Information Systems Engineering, CAiSE 2015, held in Stockholm, Sweden, in June 2015. The 31 papers presented in this volume were carefully reviewed and selected from 236 submissions. They were organized in topical sections named: social and collaborative computing; business process modeling and languages; high volume and complex information management; requirements elicitation and management; enterprise data management; model conceptualisation and evolution; process mining, monitoring and predicting; intra- and inter-organizational process engineering; process compliance and alignment; enterprise IT integration and management; and service science and computing. The book also contains the abstracts of 3 keynote speeches and 5 tutorials, presented at the conference

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**Contenido:** Social and Collaborative Computing -- Game Aspect: An Approach to Separation of Concerns in Crowdsourced Data Management -- Editing Anxiety in Corporate Wikis: From Private Drafting to Public Edits -- Run-Time and Task-Based Performance of Event Detection Techniques for Twitter -- Business Process Modeling and Languages -- RALph: A Graphical Notation for Resource Assignments in Business Processes -- Revising the Vocabulary of Business Process Element Labels -- Declarative Process Modeling in BPMN -- High Volume and Complex Information Management -- The Requirements and Needs of Global Data Usage in Product Lifecycle Management -- Probabilistic Keys for Data Quality Management -- A Clustering Approach for Protecting GIS Vector Data -- Requirements Elicitation and Management -- Need-to-Share and Non-diffusion Requirements Verification in Exchange Policies -- Virtual Business Role-Play: Leveraging Familiar Environments to Prime Stakeholder Memory During Process Elicitation -- Handling Regulatory Goal Model Families as Software Product Lines -- Enterprise Data Management -- Managing Data Warehouse Traceability: A Life-Cycle Driven Approach -- Specification and Incremental Maintenance of Linked Data Mashup Views -- A Model-Driven Approach to Enterprise Data Migration -- Model Conceptualisation and Evolution -- Interactive Recovery of Requirements Traceability Links Using User Feedback and Configuration Management Logs -- Detecting Complex Changes During Metamodel Evolution -- (QA(B(3H(B(QA(B(3H(B(We Need to Discuss the Relationship(QA(B(3I(B(QA(B(3I: (BRevisiting Relationships as Modeling Constructs -- Process Mining, Monitoring and Predicting -- PM2: A Process Mining Project Methodology -- Completing Workflow Traces Using Action Languages -- A Novel Top-Down Approach for Clustering Traces -- Intra and Inter-Organizational Process Engineering Extracting Decision Logic from Process Models -- Equivalence Transformations for the Design of Interorganizational Data-Flow -- Automatic Generation of Optimized Process Models from Declarative Specifications -- Process Compliance and Alignment -- Towards the Automated Annotation of Process Models -- Discovery and Validation of Queueing Networks in Scheduled Processes -- Verification and Validation of UML Artifact-Centric Business Process Models -- Enterprise IT Integration and Management -- Empirical Challenges in the Implementation of IT Portfolio Management: A Survey in Three Companies -- Integration Adapter Modeling -- Service Science and Computing -- Modelling Service Level Agreements for Business Process Outsourcing Services -- Deriving Artefact-Centric Interfaces for Overloaded Web Services

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