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Altri autori (Persone)	RothermelKurt
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Nota di contenuto	Invited Papers -- Interacting with Context -- The Quality of Geospatial Context -- Context Quality and Privacy - Friends or Rivals? -- Querying and Cleaning Uncertain Data -- Spatial Embedding and Spatial Context -- Contributed Papers -- A Context Quality Model to Support Transparent Reasoning with Uncertain Context -- On a Generic Uncertainty Model for Position Information -- A Probabilistic Filter Protocol for Continuous Queries -- Establishing Similarity across Multi-

granular Topological–Relation Ontologies -- UDS: Sustaining Quality of Context Using Uninterruptible Data Supply System -- A Framework for Quality of Context Management -- An Abstract Processing Model for the Quality of Context Data -- Using Quality of Context to Resolve Conflicts in Context-Aware Systems -- Presentation and Evaluation of Inconsistencies in Multiply Represented 3D Building Models -- Bringing Quality of Context into Wearable Human Activity Recognition Systems -- Quality Dependent Reconstruction of Building Façades.

Sommario/riassunto

This book constitutes the thoroughly refereed post-conference proceedings of the first International Workshop on Quality of Context, QuaCon 2009, held in Stuttgart, Germany, in June 2009. The 11 revised papers presented were carefully reviewed and selected from 19 submissions and included in the volume together with 5 invited papers. Discussed are interdisciplinary approaches to context quality, such as models for degradation and consistency of context data, spatial ontologies and spatial data mining, trust in context data, methods and calculi for context quality assessment, frameworks and metrics for context quality, uncertainty in sensor data processing, quality-aware algorithms for context management, quality-aware event and stream processing, uncertainty in reasoning on context data, application-specific context quality and case studies, and visualization of context quality.
