1.	Record Nr.	UNISA996466239103316
	Titolo	Scalable Uncertainty Management [[electronic resource]] : 11th International Conference, SUM 2017, Granada, Spain, October 4-6, 2017, Proceedings / / edited by Serafín Moral, Olivier Pivert, Daniel Sánchez, Nicolás Marín
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
	ISBN	3-319-67582-6
	Edizione	[1st ed. 2017.]
	Descrizione fisica	1 online resource (XIX, 438 p. 57 illus.)
	Collana	Lecture Notes in Artificial Intelligence ; ; 10564
	Disciplina	006.3
	Soggetti	Artificial intelligence Computer logic Mathematical logic Software engineering Application software Computer science—Mathematics Artificial Intelligence Logics and Meanings of Programs Mathematical Logic and Formal Languages Software Engineering/Programming and Operating Systems Computer Appl. in Administrative Data Processing Mathematics of Computing
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Invited papers -- Maximum likelihood estimation and coarse data -- Reasons and Means to Model Preferences as Incomplete -- Fuzzy Description Logics - A Survey -- Regular papers -- Using k-specificity for the management of count restrictions in flexible querying -- Comparing Machine Learning and Information Retrieval-based Approaches for Filtering Documents in a Parliamentary Setting -- Eliciting Implicit Evocations using Word Embeddings and Knowledge Representation -- K-nearest neighbour classification for interval-

valued data -- Estimating Conditional Probabilities by Mixtures of Low Order Conditional Distributions -- Closed-Form Solutions in Learning Probabilistic Logic Programs by Exact Score Maximization -- Fault Tolerant Direct NAT Structure Extraction from Pairwise Causal Interaction Patterns.-The Altruistic Robot: do what I want, not just what I say -- Expressivity of possibilistic preference networks with constraints -- Assumption-Based Argumentation Equipped with Preferences and Constraints -- Semantic Change and Extension Enforcement in Abstract Argumentation -- Measuring Disagreement in Argumentation Graphs -- Belief in Attacks in Epistemic Probabilistic Argumentation -- A Parametrized Ranking-based Semantics for Persuasion -- A Probabilistic Programming Language for Influence Diagrams -- First-Order Typed Model Counting for Probabilistic Conditional Reasoning at Maximum Entropy -- Towards Statistical Reasoning in Description Logics over Finite Domains -- Bankruptcy Scenario Query: B-SQ -- A view of f-indexes of inclusion under different axiomatic definitions of fuzzy inclusion -- An integer 0-1 linear programming approach for computing inconsistency degree in product-based possibilistic DL-Lite -- A Semantic characterization for ASP base revision -- On Iterated Contraction: syntactic characterization, representation theorem and limitations of the Levi identity -- Handling Topical Metadata Regarding the Validity and Completeness of Multiple-Source Information: A possibilistic approach -- Aggregation of preferences on criteria importance expressed on various subsets by several decision makers -- Short papers -- Probabilistic local link prediction in complex networks -- A Fuzzy Ontology-based System for Gait Recognition using Kinect Sensor -- Evidential joint calibration of binary SVM classifiers using logistic regression -- Ad hoc metric for correspondences analysis between fuzzy partitions On Similarity-based Unfolding -- The Causality/Repair Connection in Databases: Causality-Programs. .

| Sommario/riassunto | This book constitutes the refereed proceedings of the 11th International Conference on Scalable Uncertainty Management, SUM 2017, which was held in Granada, Spain, in October 2017. The 24 full and 6 short papers presented in this volume were carefully reviewed and selected from 35 submissions. The book also contains 3 invited papers. Managing uncertainty and inconsistency has been extensively explored in Artificial Intelligence over a number of years. Now, with the advent of massive amounts of data and knowledge from distributed, heterogeneous, and potentially conflicting sources, there is interest in developing and applying formalisms for uncertainty and inconsistency in systems that need to better manage this data and knowledge. The International Conference on Scalable Uncertainty (SUM) aims to provide a forum for researchers who are working on uncertainty management, in different communities and with different uncertainty models, to meet and exchange ideas. |