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Nota di contenuto	Intelligent Code Generation for Model Driven Web Development -- Applying Model-Driven Web Engineering to the testing phase of the ADAGIO Project -- Web Page Representations and Data Extraction with BERyL -- Towards dynamically programmable devices using beacons -- Architecting Self-Adaptive Software Systems -- A Modular Pill Dispenser Supporting Therapies at Home -- Towards a Runtime Verification Approach for Internet of Things Systems -- From Web to Physical and Back: Multimodal User Profiling with Deep Learning -- Making Sentiment Analysis Algorithms Scalable -- Using Phi-Delta Diagrams on Web Data -- SemQuire - Assessing the Data Quality of Linked Open Data Sources based on DQV -- Model-Driven Analytics for Open Data APIs -- Geo-Time Broker: a Web Agent of Dynamic Flows of Geo-Temporal Activity for Smart Cities -- Publishing Tourism Statistics as Linked Data - A Case Study of Sri Lanka -- Linked-Fiestas: A

Knowledge Graph to Promote Cultural Tourism in Spain -- DBtravel: a Tourism-Oriented Semantic graph -- La Rioja Turismo: the Sonstruction and Exploitation of a Queryable Tourist Knowledge Graph -- Linked Data Graphs For Semantic Data Integration in the CART System -- Destination Attractions System and Strategic Visitor Flows - An Exploratory Study -- SanTour: Towards Personalized Recommendation of Hiking Trails to Health Profiles -- Electronic Word-of-Mouth (eWOM) for Destination Promotion by Tourists -- Building an Ecosystem for the Tyrolean Tourism Knowledge Graph -- Knowledge Base Evolution Analysis: A Case Study in the Tourism Domain -- Type Prediction of RDF Knowledge Graphs using Binary Classifiers with Structural Data -- Semantic Network Visualization of Cultural Heritage Data -- Adaptation Process in Context-Aware Recommender System of Accessible Tourism Plan. .

Sommario/riassunto	This book constitutes the refereed thoroughly refereed post-workshop proceedings of the 18th International Conference on Web Engineering, ICWE 2018, held in Cáceres, Spain, in June 2018. The 18 revised full papers were selected from 40 submissions. The workshops complement the main conference and explore new trends on core topics of Web engineering and provide an open discussion space combining solid theory work with practical on-the-field experience. The workshop committee accepted five workshops for publication in this volume: First International Workshop on Maturity of Web Engineering Practices (MATWEP 2018), Second International Workshop on Engineering theWeb of Things (EnWoT 2018), Fourth International Workshop on Knowledge Discovery on the Web (KDWEB 2018), International Workshop on Engineering Open Data (WEOD 2018), First International Workshop on Knowledge Graphs on Travel and Tourism (TourismKG 2018).