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Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 12128
Disciplina	004.678
Soggetti	Application software User interfaces (Computer systems) Computer communication systems Coding theory Information theory Education - Data processing Information Systems Applications (incl. Internet) User Interfaces and Human Computer Interaction Computer Communication Networks Coding and Information Theory Computer Appl. in Social and Behavioral Sciences Computers and Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	User Interface Technologies -- Detecting Responsive Design Bugs with Declarative Specifications -- Layout as a Service (LaaS): A Service Platform for Self-Optimizing Web Layouts -- Structural Profiling of Web Sites in the Wild -- Performance of Web Technologies -- Accelerating Web Start-up with Resource Preloading -- An Analysis of Throughput and Latency Behaviours under Microservice Decomposition -- W-ADE: Timing Performance Prediction in Web of Things -- Comparing a polling and push-based approach for live Open Data interfaces --

NuMessage: Providing Scalable and Reliable Messaging Service in Distributed Systems -- Machine Learning -- A Credit Scoring Model for SMEs Based on Social Media Data -- Who's Behind That Website? Classifying Websites by the Degree of Commercial Intent -- I Don't Have That Much Data! Reusing User Behavior Models for Websites from Different Domains -- Improving Detection Accuracy For Malicious JavaScript Using GAN -- VISH: Does Your Smart Home Dialogue System Also Need Training Data -- Neighborhood Aggregation Embedding Model for Link Prediction in Knowledge Graphs -- Testing of Web Applications -- Automatic Model Completion for Web Applications -- Almost Rerere: an approach for automating conflict resolution from similar resolved conflicts -- Generation of Realistic Navigation Paths for Web Site Testing using Recurrent Neural Networks and Generative Adversarial Neural Networks -- Emotion Detection -- Scalable Real-time Emotion Detection for Personalized Onboarding Guides -- Creating and Capturing Artificial Emotions in Autonomous Robots and Software Agents -- On Emotions in Conflict Wikipedia Talk Pages Discussions -- Location-aware Applications -- Geospatial partitioning of open transit data -- Efficient Live Public Transport Data Sharing for Route Planning on the Web -- Web-Based Development and Visualization Dashboards for Smart City Applications -- Sentiment Analysis -- Detecting Rumor on Microblogging Platforms via a Heterogeneous Stance Attention Mechanism -- A Hybrid Approach for Aspect-Based Sentiment Analysis Using Deep Contextual Word Embeddings and Hierarchical Attention -- Just the Right Mood for HIT! Analyzing the Role of Worker Moods in Conversational Microtask Crowdsourcing -- Open Data -- SolidRDP: Applying Solid Data Containers for Research Data Publishing -- Applying Natural Language Processing Techniques to Generate Open Data Web APIs Documentation -- Liquid Web Applications -- WebDelta: Lightweight Migration of Web Applications with Modified Execution State -- User-side service synchronization in multiple devices environment -- An approach to build P2P Web Extensions -- Web-based Learning -- Blended or Distance Learning? Comparing Student Performance between University and Open University -- Teaching Web Stream Processing: Lessons Learned -- Teaching Container-based DevOps Practices -- PhD Symposium -- Predicting the outbreak of conflict in online discussions using emotion-based features -- An APIfication Approach to Facilitate the Access and Reuse of Open Data -- A Personal Health Trajectory API: addressing problems in health institution-oriented systems -- Context-Aware Encoding & Delivery in the Web -- Demos and posters -- An OpenAPI-based Testing Framework to Monitor Non-Functional Properties of REST APIs -- OpenAPI Bot: A Chatbot to Help You Understand REST APIs -- A different Web Analytics Perspective through Copy to Clipboard Heatmaps -- A Web Augmentation Framework for Accessibility based on Voice Interaction -- Annotated knowledge graphs for teaching in Higher Education: Supporting mentors and mentees by digital systems -- A Universal Application Programming Interface to access and reuse Linked Open Data -- OntoSemStats: an ontology to express the use of semantics in RDF-based knowledge graphs. .

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## Sommario/riassunto

This book constitutes the proceedings of the 20th International Conference on Web Engineering, ICWE 2020, which was planned to take place in Helsinki, Finland, during June 9-12, 2020. Due to the corona pandemic the conference changed to a virtual format. The total of 24 full and 10 short contributions presented in this volume were carefully reviewed and selected from 78 submissions. The book also contains 4 PhD and 7 demo papers. The papers were organized in topical sections

named: User interface technologies; performance of Web technologies;  
machine learning; testing of Web applications; emotion detection;  
location-aware applications; sentiment analysis; open data; liquid Web  
applications; Web-based learning; PhD symposium; demos and posters.

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