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Soggetti	Application software Software engineering Database management User interfaces (Computer systems) Human-computer interaction Data structures (Computer science) Information theory Computer networks Computer and Information Systems Applications Software Engineering Database Management System User Interfaces and Human Computer Interaction Data Structures and Information Theory Computer Communication Networks
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Nota di contenuto	-- LLMs, Search and Knowledge over the Web. -- Towards Structured Knowledge: Advancing Triple Extraction from Regional Trade Agreements using Large Language Models. -- Introducing ORKG ASK: an AI-driven Scholarly Literature Search and Exploration System Taking a Neuro-Symbolic Approach. -- Leveraging Large Language Models for

Conversational Data Access. -- A Graph-based RAG for Energy Efficiency Question Answering. -- GoRS - A Neuro-Symbolic, User-centric, and Goal-oriented Recommendation System for DIY-Projects. -- AutoS2earch: Unlocking the Reasoning Potential of Large Models for Web-based Source Search. -- Safe and Inclusive Web Engineering. -- Enhancing the Aspect Robustness Score of the HAABSA++ Model. -- OnToxKG: An Ontology-Based Knowledge Graph of Toxic Symbols and their Manifestations. -- Evaluating Locally Run Large Language Models on Toxic Meme Analysis. -- MoralWeb: Reimagining the Web with Solid, Low-Code Tools, and Moral Codes for an Democratic and Equitable Future. -- A Web Crawling-Based Process and a Graph-Based Database for Mobile Vulnerability Analysis. -- MultiWebFacts: A Modular Framework Using Multi-Source Fusion for Fact-Checking. -- Semantic Web & SPARQL Querying. -- SPARQL Query Generation with LLMs: Measuring the Impact of Training Data Memorization and Knowledge Injection. -- Web-SPARQL: Hybrid Querying over Knowledge Graphs, Web, and Microdata. -- ShEx2SPARQL: Translating Shape Expressions into SPARQL Queries. -- SciMantify - A Hybrid Approach for the Evolving Semantification of Scientific Knowledge. -- A Knowledge Graph Informing Soil Carbon Modeling. -- User Interface on the Web. -- HORIZON: a Classification and Comparison Framework for Pricing-driven Feature Toggling. -- From Mock-Ups to IFML-like GUI Models: Using Large Language Models in Web Engineering. -- UIQLab: Automatic Web User Interface Assessment. -- Web of Things, Services & Decentralized Web. -- Assessing the Migration from FaaS to IaaS: Cost, Performance, and Challenges in AWS. -- Link Traversal over Decentralised Environments using Restart-Based Query Planning. -- Interoperable Cyber-Physical Multi-Agent Systems through Web of Things. -- Distributed Detection of Complex Events on Streams of Linked Data. -- LLM-MaGe: A Generative Mashup Planner for the Web of Things. -- Demos and Posters. -- The Efficiency of Rust and WebAssembly Compared to Plain JavaScript. -- KuBench: A Kubernetes-Based Environment for Standardized REST API Framework Performance Evaluation. -- Leveraging LLMs for Voice-based Form Filling on the Web: The ConWeb Approach. -- Troubleshooting Microservices with Heterogeneous Graph Neural Network. -- Post-hoc LLM-Supported Debugging of Distributed Processes. -- PhD Symposium. -- Human-AI Collaborative UAV Visual Object Search via Web Platform. -- Methodological framework and digital environment to optimize the treatment of genetic markers, based on Data Science and Artificial Intelligence. -- ResearchFlow: An End-User Development Approach to Research Data Management Workflow Composition. -- You are what you click: Web interaction analysis for user profile detection. -- Designing Hybrid Quantum-Classical Web Applications across the Computing Continuum. -- Tutorials. -- Social Media Data Analytics for Disaster Management. -- Enhancing Reproducibility and Replicability in Information Retrieval: A Path Towards Scientific Integrity and Effective Research. -- Creating Accessible Digital Content and Applications.

Sommario/riassunto

This book constitutes the proceedings of the 25th International Conference, The Inclusive Web: Realizing Safe, Accessible, Inclusive, and Sustainable Web Engineering, ICWE 2025, held in Delft, The Netherlands, during June 30–July 3, 2025. The 12 full papers and 8 short papers, 6 (Industry Track); 3 Tutorials; 5 (Posters & Demonstrations); and 5 (PhD Symposium) included in this book were carefully reviewed and selected from 72 submissions. These papers focus on following topical sections: LLMs, Search and Knowledge over the Web; Safe and Inclusive Web Engineering; Semantic Web & SPARQL

