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Nota di contenuto	-- Emerging Application. -- UFIN: Universal Feature Interaction Network for Multi-Domain Click-Through Rate Prediction. -- MSAQE: A Large-scale Dataset for Multi-view Scenic Areas Quality Evaluation. --

Experts2team: Task Relevance-Induced Team Formation by Combining Global Cohesion with Local Decoupling. -- From Static to Dynamic: GNNs-Driven Clinical Decision-Making Assistance. -- RasterPIP: Answering Point-in-polygon Query with GPU-native Transformation and Rasterization. -- A Universal Framework for Compressing Embeddings in CTR Prediction. -- Fairness-Aware Ride-sharing Assignment. -- RADIO: Effective and Efficient Anomalous Subgraph Discovery in Financial Networks. -- Design and Implementation of Decentralized Data Protection Protocol for Generative AI. -- Enhancing Protein-Ligand Binding Affinity Prediction via Parameter-Efficient Fine-Tuning of Protein and Chemical Language Models. -- MVIC: Multi-View Information Collaborative Fusion for Drug-Drug Interaction Prediction. -- Killing two birds with one stone: A Spatio-Temporal Prompt for the Inductive Traffic Extrapolation. -- NLP -- PET-SQL: A Prompt-Enhanced Two-Round Refinement of Text-to-SQL with Cross-consistency. -- Enhancing Zero-shot Emotion Perception in Conversation through the Internal-to-External Chain-of Thought. -- Enhancing Multi-turn Dialogue Consistency with Localized-Generalized Persona Expansion. -- Breaking Size Barrier: Enhancing Reasoning for Large-size Table Question Answering. -- A Structure-aware Generative Model for Biomedical Event Extraction. -- Asking Diversified Reasonable Questions with External Commonsense Knowledge to Infer Inconsistency for Multi-modal Clickbait Detection. -- Multi-View Attention Syntactic Enhanced Graph Convolutional Network for Aspect-based Sentiment Analysis. -- GoT-R: Enhancing Large Language Models for Complex Question Answering with Graph-of-Thought Guided Reasoning. -- From Memorization to Discovery: A Novel Benchmark for Relational Triple Extraction. -- T3SVFND: Towards an Evolving Fake News Detector for Emergencies with Test-time Training on Short Video Platforms. -- DIGR-KB: Dual-level Graph Reasoning with Key Block Decoupling for Multi-Party Dialogue Reading Comprehension. -- Semi-supervised Anomaly Detection with Extremely Limited Labels in Dynamic Graphs. -- Decompose then Discriminate: LLMs-Grounded In-Context Learning for Few-Shot Knowledge Base Question Answering. -- Rule Mining from Text: A Semantic-Relational Logic Approach. -- MR-SQL: Multi-Level Retrieval Enhances Inference for LLM in Text-to-SQL. -- BRIDGE-Embed: A Novel LLM-based Document and Sentence Retrieval Method. -- Correlation-Aware Reordered Scanning Mamba for Multivariate Time Series Forecasting. -- CoopKG: An Academic Knowledge Graph for Question Answering Systems. -- Chain-of-Thought Prompting with Causal Intervention for Multimodal Aspect-based Sentiment Analysis. -- A Large Language Model Guided Topic Refinement Mechanism for Short Text Modeling. -- SimRe: A Simulation of Memes Recreation for Memes Category Detection. -- HF-Mamba: Improving Multimodal Classification via Hierarchical Fusion based on Mamba. -- Augmenting Transformers with Enhanced Dependency Structures by Treating Relations as New Words. -- Tuning Vision-Language Models with Candidate Labels by Prompt Alignment. -- Enhancing Time Series Forecasting via Multi-Level Text Alignment with LLMs. -- SCFormer: Structured Channel-wise Transformer with Cumulative Historical State for Multivariate Time Series Forecasting. -- Unsupervised Fact Error Correction Modeling by Using Span-Level Contrastive Learning. -- Enhancing Knowledge Graph Completion with Entity Neighborhood and Relation Context. -- CELLM: Curvature Enhanced Large Language Models for Graph Structure Learning. -- Aspect-Aware Affective Focus Network For Joint Multimodal Aspect Sentiment Analysis. -- Spatial-Temporal. -- STGDPM: Vessel Trajectory Prediction with Spatio-

Temporal Graph Diffusion Probabilistic Model. -- DRENet: A Dual-branch Road Extraction Network for Enhanced Connectivity. -- Towards An Efficient and Effective En Route Travel Time Estimation Framework. -- Time-aware Meta-path Aggregation on Heterogeneous Temporal Graphs. -- STSC-Net: Leveraging Spatial, Temporal, and Semantic Context for Road Network Trajectory Prediction. -- Durable Community Search on Temporal Graphs. -- Boost Dynamic Community Detection via Exploiting Member Transition Information. -- MCTM: Multi-Chord Distributed System for Efficient Trajectory Data Management in Mobile Edge Computing. -- Continuous Dynamic Modeling via Neural ODEs for Popularity Trajectory Prediction. -- Structural Entropy Based Spatio-temporal Sequence Forecasting. -- Grayscale Image-based Top-k Spatial Dataset Search Processing. -- EPMC: An Enhanced Pre-training Model for Cellular Trajectory Representation Learning. -- Enriching Complex Event Forecasting with Nested Patterns. -- Enhancing Cross-Lingual Dialogue Summarization through Interpretable Chain-of-Thought. -- Ignite Forecasting with SPARK: An Efficient Generative Framework for Refining LLMs in Temporal Knowledge Graph Forecasting. -- TS-FourierLLM: Frozen Frequency-Domain Large Language Blocks for Enhancing Time-Series Modeling.

Sommario/riassunto

This six-volume set LNCS 15986-15991 constitutes the proceedings of the 30th International Conference on Database Systems for Advanced Applications, DASFAA 2025, held in Singapore, during May 26–29, 2025. The 136 full papers presented in this book together with 89 short papers were carefully reviewed and selected from 731 submissions. They cover topics such as Part I- Machine Learning and Text. Part II- Emerging Application; NLP and Spatial-Temporal. Part III- Graph; Knowledge Graph. Part V- Recommendation and Security & Privacy. Part VI- Language Model; Industry Papers and Demo Papers.
