

Session Name	Urban Computing	Entities and Relations	Conversations	Interpretability and explanations	Sequential and Temporal Recommendation	Domain-Specific & POI Recommendation	Learning methods for Recommendation	Recommendation with Collaborative Filtering	Computational Advertising	Social Networks	Knowledge Graphs	Knowledge Graphs with Reasoning and Representations	Search and Retrieval: Focus on Recommendations and Learning	Search and Retrieval: Focus on users and queries	Health and Bio Data	Algorithmic Aspects of Data Mining	Text Mining	Graph Neural Networks	Performance and Scalability of Neural Networks	Algorithms of NLP	Applied NLP	Dealing with Spatio-temporal Data	Privacy and Cybersecurity	Fake news, rumours and other harmful online content	Cybersecurity, threats and frauds	Users and User Modelling	Machine Learning	Scalability Issues in Machine Learning	Crowdsourcing in Recommendation	Algorithmic Aspects in Graph Mining	Idiosyncratic Graph Mining	Multimedia	Dealing with Official Data (Data Quality, Data Curation and Data Cleaning)	Neural Architecture Search	TOTAL # PAPER #s		
# papers in session	11	10	10	11	10	11	10	10	10	10	10	10	11	10	11	11	7	11	9	10	10	11	9	8	11	11	8	8	7	10	11	6	341				
Discovering Urban Functions of High-Dimensional Trajectories with Continuous Human Traces	Reinforced Active Entity Alignment	A Neural Conversation Generation Model via a Sequence-Specific Memory Investigation	A Study of Explainability Features to Solve/Infer Failed Fitting Results	On the Diversity and Expressivity of Recommender Systems: A Practical Framework for Enterprise App Recommendation	What is Next in Sequential Recommendation? Predictions from a Hands-on Survey	SAR-Net: A Scenario-Aware Ranking Network for Personalized Recommendation in a Noisy and Sparse Environment	Reinforcement Learning to Improve User Satisfaction in Cold-Start Recommendation	CAU-Net: A Causal Collaborative Filtering for Recommendation with User Effect Estimation	Query-Variant Advertisement Text Generation for Knowledge Graphs	Learning Ideological Embeddings from News Cascades	Complex Temporal Question Answering on Knowledge Graphs	Cycle or Monkeys: Which is a More Appropriate Knowledge Graph Embedding?	Robust Learning to Troubleshoot Query Performance Problems	Pre-training for Ad hoc Retrieval: Hyperlink is Also You Need	Multi-Property Molecular Representation with an Integrated Physics-Inspired Architecture	Meta Hyperparameter Optimization with Adaptive Privacy Subsets Sampling	Unsupervised Categorical Representation Learning for Anomaly Time Series	Generating Compositional Representations from Text	Node2Vecs: A Cost-Efficient Document with Knowledge Graphs for Hyperbolic Space	Summarizing Long-Form Documents with the Landscape of Short-Discourse Information	50 Ways to Bake a Cookie: Mapping the Landscape of Social Media Content	WASTE: A Distributed System for Hybrid and Adaptive Processing on Streaming Spatial-Temporal Data	Random Sampling Plus Fake Data: Multidimensional Frequency Estimates with Local Differential Privacy	DESIST: Definition and Baseline Classification on the Cybersecurity Threats and Fraud Detection	Prohibited Item Detection on Heterogeneous Hic Graphs	USER: A Unified Framework for Search and Recommendation on Model-based Integrated Behavior Sequences	To Be or not to Be, That Labels the Question: A Graph-Based Approach for User Behavior Prediction	Defeating the Region-Based Adversarial Learning for User Recommendations	ALADIN: Asymmetric Contrastive Learning for User Recommendations	Scalable Simultaneous Approximation of Multiple Multiscale Counts in Large Graphs	Deep Self-Supervised Learning for Video Search	Regionally Aligned Zeroshot Learning	Explainers for Graphs: A Framework for Interpretable Graph Analysis	Profiling Network Groups and Detecting Spurious Correlations for Mobile Marketing	Tracking Network Groups and Detecting Spurious Correlations for Mobile Marketing	Explainers for Graphs: A Framework for Interpretable Graph Analysis	Profiling Network Groups and Detecting Spurious Correlations for Mobile Marketing
PATROL: A Velocity-Controlled Framework for Autonomous Vehicle via Spatial-Temporal Reinforcement Learning	Learning Discriminative Representations for Few-Shot Relation Extraction	POSSCORE: A Simple Yet Effective Evaluation of Conversational Search with Partial Feedback Labeling	Model Agnostic vs. Model Interpretable: A Study of Explainability Features to Solve/Infer Failed Fitting Results	On the Diversity and Expressivity of Recommender Systems: A Practical Framework for Enterprise App Recommendation	What is Next in Sequential Recommendation? Predictions from a Hands-on Survey	SAR-Net: A Scenario-Aware Ranking Network for Personalized Recommendation in a Noisy and Sparse Environment	Reinforcement Learning to Improve User Satisfaction in Cold-Start Recommendation	CAU-Net: A Causal Collaborative Filtering for Recommendation with User Effect Estimation	Query-Variant Advertisement Text Generation for Knowledge Graphs	Learning Ideological Embeddings from News Cascades	Complex Temporal Question Answering on Knowledge Graphs	Cycle or Monkeys: Which is a More Appropriate Knowledge Graph Embedding?	Robust Learning to Troubleshoot Query Performance Problems	Pre-training for Ad hoc Retrieval: Hyperlink is Also You Need	Multi-Property Molecular Representation with an Integrated Physics-Inspired Architecture	Meta Hyperparameter Optimization with Adaptive Privacy Subsets Sampling	Unsupervised Categorical Representation Learning for Anomaly Time Series	Generating Compositional Representations from Text	Node2Vecs: A Cost-Efficient Document with Knowledge Graphs for Hyperbolic Space	Summarizing Long-Form Documents with the Landscape of Short-Discourse Information	50 Ways to Bake a Cookie: Mapping the Landscape of Social Media Content	WASTE: A Distributed System for Hybrid and Adaptive Processing on Streaming Spatial-Temporal Data	Random Sampling Plus Fake Data: Multidimensional Frequency Estimates with Local Differential Privacy	DESIST: Definition and Baseline Classification on the Cybersecurity Threats and Fraud Detection	Prohibited Item Detection on Heterogeneous Hic Graphs	USER: A Unified Framework for Search and Recommendation on Model-based Integrated Behavior Sequences	To Be or not to Be, That Labels the Question: A Graph-Based Approach for User Behavior Prediction	Defeating the Region-Based Adversarial Learning for User Recommendations	ALADIN: Asymmetric Contrastive Learning for User Recommendations	Scalable Simultaneous Approximation of Multiple Multiscale Counts in Large Graphs	Deep Self-Supervised Learning for Video Search	Regionally Aligned Zeroshot Learning	Explainers for Graphs: A Framework for Interpretable Graph Analysis	Profiling Network Groups and Detecting Spurious Correlations for Mobile Marketing	Tracking Network Groups and Detecting Spurious Correlations for Mobile Marketing	Explainers for Graphs: A Framework for Interpretable Graph Analysis	Profiling Network Groups and Detecting Spurious Correlations for Mobile Marketing
Power to the Relational: Indoor Baseline Graph Neural Networks in Electrical Power	Relation Prediction via Graph Neural Network in Heterogeneous Information Networks with Missing Type Information	Evaluating Human-AI Hybrid Conversational Systems with Chatbot Message Sequences	The Skyline of Counterfactual Explanations for Machine Learning Decision Models	On the Diversity and Expressivity of Recommender Systems: A Practical Framework for Enterprise App Recommendation	What is Next in Sequential Recommendation? Predictions from a Hands-on Survey	SAR-Net: A Scenario-Aware Ranking Network for Personalized Recommendation in a Noisy and Sparse Environment	Reinforcement Learning to Improve User Satisfaction in Cold-Start Recommendation	CAU-Net: A Causal Collaborative Filtering for Recommendation with User Effect Estimation	Query-Variant Advertisement Text Generation for Knowledge Graphs	Learning Ideological Embeddings from News Cascades	Complex Temporal Question Answering on Knowledge Graphs	Cycle or Monkeys: Which is a More Appropriate Knowledge Graph Embedding?	Robust Learning to Troubleshoot Query Performance Problems	Pre-training for Ad hoc Retrieval: Hyperlink is Also You Need	Multi-Property Molecular Representation with an Integrated Physics-Inspired Architecture	Meta Hyperparameter Optimization with Adaptive Privacy Subsets Sampling	Unsupervised Categorical Representation Learning for Anomaly Time Series	Generating Compositional Representations from Text	Node2Vecs: A Cost-Efficient Document with Knowledge Graphs for Hyperbolic Space	Summarizing Long-Form Documents with the Landscape of Short-Discourse Information	50 Ways to Bake a Cookie: Mapping the Landscape of Social Media Content	WASTE: A Distributed System for Hybrid and Adaptive Processing on Streaming Spatial-Temporal Data	Random Sampling Plus Fake Data: Multidimensional Frequency Estimates with Local Differential Privacy	DESIST: Definition and Baseline Classification on the Cybersecurity Threats and Fraud Detection	Prohibited Item Detection on Heterogeneous Hic Graphs	USER: A Unified Framework for Search and Recommendation on Model-based Integrated Behavior Sequences	To Be or not to Be, That Labels the Question: A Graph-Based Approach for User Behavior Prediction	Defeating the Region-Based Adversarial Learning for User Recommendations	ALADIN: Asymmetric Contrastive Learning for User Recommendations	Scalable Simultaneous Approximation of Multiple Multiscale Counts in Large Graphs	Deep Self-Supervised Learning for Video Search	Regionally Aligned Zeroshot Learning	Explainers for Graphs: A Framework for Interpretable Graph Analysis	Profiling Network Groups and Detecting Spurious Correlations for Mobile Marketing	Tracking Network Groups and Detecting Spurious Correlations for Mobile Marketing	Explainers for Graphs: A Framework for Interpretable Graph Analysis	Profiling Network Groups and Detecting Spurious Correlations for Mobile Marketing
Robust Road Network Recommendation Learning: When Traveling Semantics Meet Traveling Semantics	Are Negative Samples Necessary in Entity Representation Learning? An Approach with High Performance and Robustness	Identifying Untruthworthy Samples: Data Analysis for Open-Ended Dialogues with Bayesian Optimization	ASTERYX: a model Agnostic, Symbol-based approach for symbolic and score-based explanations	On the Diversity and Expressivity of Recommender Systems: A Practical Framework for Enterprise App Recommendation	What is Next in Sequential Recommendation? Predictions from a Hands-on Survey	SAR-Net: A Scenario-Aware Ranking Network for Personalized Recommendation in a Noisy and Sparse Environment	Reinforcement Learning to Improve User Satisfaction in Cold-Start Recommendation	CAU-Net: A Causal Collaborative Filtering for Recommendation with User Effect Estimation	Query-Variant Advertisement Text Generation for Knowledge Graphs	Learning Ideological Embeddings from News Cascades	Complex Temporal Question Answering on Knowledge Graphs	Cycle or Monkeys: Which is a More Appropriate Knowledge Graph Embedding?	Robust Learning to Troubleshoot Query Performance Problems	Pre-training for Ad hoc Retrieval: Hyperlink is Also You Need	Multi-Property Molecular Representation with an Integrated Physics-Inspired Architecture	Meta Hyperparameter Optimization with Adaptive Privacy Subsets Sampling	Unsupervised Categorical Representation Learning for Anomaly Time Series	Generating Compositional Representations from Text	Node2Vecs: A Cost-Efficient Document with Knowledge Graphs for Hyperbolic Space	Summarizing Long-Form Documents with the Landscape of Short-Discourse Information	50 Ways to Bake a Cookie: Mapping the Landscape of Social Media Content	WASTE: A Distributed System for Hybrid and Adaptive Processing on Streaming Spatial-Temporal Data	Random Sampling Plus Fake Data: Multidimensional Frequency Estimates with Local Differential Privacy	DESIST: Definition and Baseline Classification on the Cybersecurity Threats and Fraud Detection	Prohibited Item Detection on Heterogeneous Hic Graphs	USER: A Unified Framework for Search and Recommendation on Model-based Integrated Behavior Sequences	To Be or not to Be, That Labels the Question: A Graph-Based Approach for User Behavior Prediction	Defeating the Region-Based Adversarial Learning for User Recommendations	ALADIN: Asymmetric Contrastive Learning for User Recommendations	Scalable Simultaneous Approximation of Multiple Multiscale Counts in Large Graphs	Deep Self-Supervised Learning for Video Search	Regionally Aligned Zeroshot Learning	Explainers for Graphs: A Framework for Interpretable Graph Analysis	Profiling Network Groups and Detecting Spurious Correlations for Mobile Marketing	Tracking Network Groups and Detecting Spurious Correlations for Mobile Marketing	Explainers for Graphs: A Framework for Interpretable Graph Analysis	Profiling Network Groups and Detecting Spurious Correlations for Mobile Marketing
Actionable Insights in Multivariate Time-series	Multi-view Learning for Few-Shot Relation Classification	Clustering of Conversational Datasets for Coarse-to-Fine Grained Preference Elicitation	XPM: An Explainable Deep Reinforcement Learning Framework for Portfolio Management	On the Diversity and Expressivity of Recommender Systems: A Practical Framework for Enterprise App Recommendation	What is Next in Sequential Recommendation? Predictions from a Hands-on Survey	SAR-Net: A Scenario-Aware Ranking Network for Personalized Recommendation in a Noisy and Sparse Environment	Reinforcement Learning to Improve User Satisfaction in Cold-Start Recommendation	CAU-Net: A Causal Collaborative Filtering for Recommendation with User Effect Estimation	Query-Variant Advertisement Text Generation for Knowledge Graphs	Learning Ideological Embeddings from News Cascades	Complex Temporal Question Answering on Knowledge Graphs	Cycle or Monkeys: Which is a More Appropriate Knowledge Graph Embedding?	Robust Learning to Troubleshoot Query Performance Problems	Pre-training for Ad hoc Retrieval: Hyperlink is Also You Need	Multi-Property Molecular Representation with an Integrated Physics-Inspired Architecture	Meta Hyperparameter Optimization with Adaptive Privacy Subsets Sampling	Unsupervised Categorical Representation Learning for Anomaly Time Series	Generating Compositional Representations from Text	Node2Vecs: A Cost-Efficient Document with Knowledge Graphs for Hyperbolic Space	Summarizing Long-Form Documents with the Landscape of Short-Discourse Information	50 Ways to Bake a Cookie: Mapping the Landscape of Social Media Content	WASTE: A Distributed System for Hybrid and Adaptive Processing on Streaming Spatial-Temporal Data	Random Sampling Plus Fake Data: Multidimensional Frequency Estimates with Local Differential Privacy	DESIST: Definition and Baseline Classification on the Cybersecurity Threats and Fraud Detection	Prohibited Item Detection on Heterogeneous Hic Graphs	USER: A Unified Framework for Search and Recommendation on Model-based Integrated Behavior Sequences	To Be or not to Be, That Labels the Question: A Graph-Based Approach for User Behavior Prediction	Defeating the Region-Based Adversarial Learning for User Recommendations	ALADIN: Asymmetric Contrastive Learning for User Recommendations	Scalable Simultaneous Approximation of Multiple Multiscale Counts in Large Graphs	Deep Self-Supervised Learning for Video Search	Regionally Aligned Zeroshot Learning	Explainers for Graphs: A Framework for Interpretable Graph Analysis	Profiling Network Groups and Detecting Spurious Correlations for Mobile Marketing	Tracking Network Groups and Detecting Spurious Correlations for Mobile Marketing	Explainers for Graphs: A Framework for Interpretable Graph Analysis	Profiling Network Groups and Detecting Spurious Correlations for Mobile Marketing
Addressing the Hardness of K-Facility Relocation Problem: A Pair of Approximate	Zero-shot Relation Classification from Side Information	Adaptive Posterior Selection for Knowledge Graph Question Answering	Towards Self-Explainable Graph Neural Network	On the Diversity and Expressivity of Recommender Systems: A Practical Framework for Enterprise App Recommendation	What is Next in Sequential Recommendation? Predictions from a Hands-on Survey	SAR-Net: A Scenario-Aware Ranking Network for Personalized Recommendation in a Noisy and Sparse Environment	Reinforcement Learning to Improve User Satisfaction in Cold-Start Recommendation	CAU-Net: A Causal Collaborative Filtering for Recommendation with User Effect Estimation	Query-Variant Advertisement Text Generation for Knowledge Graphs	Learning Ideological Embeddings from News Cascades	Complex Temporal Question Answering on Knowledge Graphs	Cycle or Monkeys: Which is a More Appropriate Knowledge Graph Embedding?	Robust Learning to Troubleshoot Query Performance Problems	Pre-training for Ad hoc Retrieval: Hyperlink is Also You Need	Multi-Property Molecular Representation with an Integrated Physics-Inspired Architecture	Meta Hyperparameter Optimization with Adaptive Privacy Subsets Sampling	Unsupervised Categorical Representation Learning for Anomaly Time Series	Generating Compositional Representations from Text	Node2Vecs: A Cost-Efficient Document with Knowledge Graphs for Hyperbolic Space	Summarizing Long-Form Documents with the Landscape of Short-Discourse Information	50 Ways to Bake a Cookie: Mapping the Landscape of Social Media Content	WASTE: A Distributed System for Hybrid and Adaptive Processing on Streaming Spatial-Temporal Data	Random Sampling Plus Fake Data: Multidimensional Frequency Estimates with Local Differential Privacy	DESIST: Definition and Baseline Classification on the Cybersecurity Threats and Fraud Detection	Prohibited Item Detection on Heterogeneous Hic Graphs	USER: A Unified Framework for Search and Recommendation on Model-based Integrated Behavior Sequences	To Be or not to Be, That Labels the Question: A Graph-Based Approach for User Behavior Prediction	Defeating the Region-Based Adversarial Learning for User Recommendations	ALADIN: Asymmetric Contrastive Learning for User Recommendations	Scalable Simultaneous Approximation of Multiple Multiscale Counts in Large Graphs	Deep Self-Supervised Learning for Video Search	Regionally Aligned Zeroshot Learning	Explainers for Graphs: A Framework for Interpretable Graph Analysis	Profiling Network Groups and Detecting Spurious Correlations for Mobile Marketing	Tracking Network Groups and Detecting Spurious Correlations for Mobile Marketing	Explainers for Graphs: A Framework for Interpretable Graph Analysis	Profiling Network Groups and Detecting Spurious Correlations for Mobile Marketing
GEDT: Geographic-enhanced and Dependency-guided Tagging for Joint POI and Accessibility Extraction of Badu Maps	Topic-aware Heuristics and Search Strategies guided by Link Prediction	Analyzing Mined Initiatives and Search Strategies guided by Link Prediction	Learning Saliency Maps to Explain Deep Time Series Classifiers	On the Diversity and Expressivity of Recommender Systems: A Practical Framework for Enterprise App Recommendation	What is Next in Sequential Recommendation? Predictions from a Hands-on Survey	SAR-Net: A Scenario-Aware Ranking Network for Personalized Recommendation in a Noisy and Sparse Environment	Reinforcement Learning to Improve User Satisfaction in Cold-Start Recommendation	CAU-Net: A Causal Collaborative Filtering for Recommendation with User Effect Estimation	Query-Variant Advertisement Text Generation for Knowledge Graphs	Learning Ideological Embeddings from News Cascades	Complex Temporal Question Answering on Knowledge Graphs	Cycle or Monkeys: Which is a More Appropriate Knowledge Graph Embedding?	Robust Learning to Troubleshoot Query Performance Problems	Pre-training for Ad hoc Retrieval: Hyperlink is Also You Need	Multi-Property Molecular Representation with an Integrated Physics-Inspired Architecture	Meta Hyperparameter Optimization with Adaptive Privacy Subsets Sampling	Unsupervised Categorical Representation Learning for Anomaly Time Series	Generating Compositional Representations from Text	Node2Vecs: A Cost-Efficient Document with Knowledge Graphs for Hyperbolic Space	Summarizing Long-Form Documents with the Landscape of Short-Discourse Information	50 Ways to Bake a Cookie: Mapping the Landscape of Social Media Content	WASTE: A Distributed System for Hybrid and Adaptive Processing on Streaming Spatial-Temporal Data	Random Sampling Plus Fake Data: Multidimensional Frequency Estimates with Local Differential Privacy	DESIST: Definition and Baseline Classification on the Cybersecurity Threats and Fraud Detection	Prohibited Item Detection on Heterogeneous Hic Graphs	USER: A Unified Framework for Search and Recommendation on Model-based Integrated Behavior Sequences	To Be or not to Be, That Labels the Question: A Graph-Based Approach for User Behavior Prediction	Defeating the Region-Based Adversarial Learning for User Recommendations	ALADIN: Asymmetric Contrastive Learning for User Recommendations	Scalable Simultaneous Approximation of Multiple Multiscale Counts in Large Graphs	Deep Self-Supervised Learning for Video Search	Regionally Aligned Zeroshot Learning	Explainers for Graphs: A Framework for Interpretable Graph Analysis	Profiling Network Groups and Detecting Spurious Correlations for Mobile Marketing	Tracking Network Groups and Detecting Spurious Correlations for Mobile Marketing	Explainers for Graphs: A Framework for Interpretable Graph Analysis	Profiling Network Groups and Detecting Spurious Correlations for Mobile Marketing
Day2SGAT: Dynamic Spatial-Temporal Graph Attention Network for Traffic Congestion Control	Entity and Relation Learning for Dialogue Generation for Entity Alignment	Corrective Guidance and Learning for Dialogue Generation	Explaining Visual Similarity and Classification via Gradient Activation Maps	On the Diversity and Expressivity of Recommender Systems: A Practical Framework for Enterprise App Recommendation	What is Next in Sequential Recommendation? Predictions from a Hands-on Survey	SAR-Net: A Scenario-Aware Ranking Network for Personalized Recommendation in a Noisy and Sparse Environment	Reinforcement Learning to Improve User Satisfaction in Cold-Start Recommendation	CAU-Net: A Causal Collaborative Filtering for Recommendation with User Effect Estimation	Query-Variant Advertisement Text Generation for Knowledge Graphs	Learning Ideological Embeddings from News Cascades	Complex Temporal Question Answering on Knowledge Graphs	Cycle or Monkeys: Which is a More Appropriate Knowledge Graph Embedding?	Robust Learning to Troubleshoot Query Performance Problems	Pre-training for Ad hoc Retrieval: Hyperlink is Also You Need	Multi-Property Molecular Representation with an Integrated Physics-Inspired Architecture	Meta Hyperparameter Optimization with Adaptive Privacy Subsets Sampling	Unsupervised Categorical Representation Learning for Anomaly Time Series	Generating Compositional Representations from Text	Node2Vecs: A Cost-Efficient Document with Knowledge Graphs for Hyperbolic Space	Summarizing Long-Form Documents with the Landscape of Short-Discourse Information	50 Ways to Bake a Cookie: Mapping the Landscape of Social Media Content	WASTE: A Distributed System for Hybrid and Adaptive Processing on Streaming Spatial-Temporal Data	Random Sampling Plus Fake Data: Multidimensional Frequency Estimates with Local Differential Privacy	DESIST: Definition and Baseline Classification on the Cybersecurity Threats and Fraud Detection	Prohibited Item Detection on Heterogeneous Hic Graphs	USER: A Unified Framework for Search and Recommendation on Model-based Integrated Behavior Sequences	To Be or not to Be, That Labels the Question: A Graph-Based Approach for User Behavior Prediction	Defeating the Region-Based Adversarial Learning for User Recommendations	ALADIN: Asymmetric Contrastive Learning for User Recommendations	Scalable Simultaneous Approximation of Multiple Multiscale Counts in Large Graphs	Deep Self-Supervised Learning for Video Search	Regionally Aligned Zeroshot Learning	Explainers for Graphs: A Framework for Interpretable Graph Analysis	Profiling Network Groups and Detecting Spurious Correlations for Mobile Marketing	Tracking Network Groups and Detecting Spurious Correlations for Mobile Marketing	Explainers for Graphs: A Framework for Interpretable Graph Analysis	Profiling Network Groups and Detecting Spurious Correlations for Mobile Marketing
One-shot Transfer Learning for Large-scale Spatio-Temporal Graphs with GNN and Temporal Failure Series	Learning Entity Representations in the Long-Tail via Variational Graph Auto-Encoders	Counterfactual Explainable Recommendation	Expanding Relationship for Cross Domain Recommendation	On the Diversity and Expressivity of Recommender Systems: A Practical Framework for Enterprise App Recommendation	What is Next in Sequential Recommendation? Predictions from a Hands-on Survey	SAR-Net: A Scenario-Aware Ranking Network for Personalized Recommendation in a Noisy and Sparse Environment	Reinforcement Learning to Improve User Satisfaction in Cold-Start Recommendation	CAU-Net: A Causal Collaborative Filtering for Recommendation with User Effect Estimation	Query-Variant Advertisement Text Generation for Knowledge Graphs	Learning Ideological Embeddings from News Cascades	Complex Temporal Question Answering on Knowledge Graphs	Cycle or Monkeys: Which is a More Appropriate Knowledge Graph Embedding?	Robust Learning to Troubleshoot Query Performance Problems	Pre-training for Ad hoc Retrieval: Hyperlink is Also You Need	Multi-Property Molecular Representation with an Integrated Physics-Inspired Architecture	Meta Hyperparameter Optimization with Adaptive Privacy Subsets Sampling	Unsupervised Categorical Representation Learning for Anomaly Time Series	Generating Compositional Representations from Text	Node2Vecs: A Cost-Efficient Document with Knowledge Graphs for Hyperbolic Space	Summarizing Long-Form Documents with the Landscape of Short-Discourse Information	50 Ways to Bake a Cookie: Mapping the Landscape of Social Media Content	WASTE: A Distributed System for Hybrid and Adaptive Processing on Streaming Spatial-Temporal Data	Random Sampling Plus Fake Data: Multidimensional Frequency Estimates with Local Differential Privacy	DESIST: Definition and Baseline Classification on the Cybersecurity Threats and Fraud Detection	Prohibited Item Detection on Heterogeneous Hic Graphs	USER: A Unified Framework for Search and Recommendation on Model-based Integrated Behavior Sequences	To Be or not to Be, That Labels the Question: A Graph-Based Approach for User Behavior Prediction	Defeating the Region-Based Adversarial Learning for User Recommendations	ALADIN: Asymmetric Contrastive Learning for User Recommendations	Scalable Simultaneous Approximation of Multiple Multiscale Counts in Large Graphs	Deep Self-Supervised Learning for Video Search	Regionally Aligned Zeroshot Learning	Explainers for Graphs: A Framework for Interpretable Graph Analysis	Profiling Network Groups and Detecting Spurious Correlations for Mobile Marketing	Tracking Network Groups and Detecting Spurious Correlations for Mobile Marketing	Explainers for Graphs: A Framework for Interpretable Graph Analysis	Profiling Network Groups and Detecting Spurious Correlations for Mobile Marketing