

IJCKG 2023 Program (tentative)

	Dec., 8th, Fri., 2023	Dec., 9th, Sat., 2023
8:30	Registration	Registration
9:00		
9:30	Opeing	
10:00	Invited Talk1	KGR4XAI workshop
10:30	Yudai Nakamoto	
11:00	Session 1	
11:30	(20m)x3	
12:00	Lunch break / Tour of Miraikan	Lunch break / Tour of Miraikan
12:30		
13:00		
13:30	Session 2	Session 5 (Short papers)
14:00	(20m)x3	(15m)x4
14:30	Session 3	Session 6
15:00	(20m)x3	(20m)x3
15:30	Coffee break	Coffee break
16:00	Session 4	Session 7
16:30	(20m)x3	(20m)x3
17:00	Invited Talk2	Closing
17:30	Franz Baader	
18:00	Poster and Demo with light meal	
18:30		
19:00		
19:30		

Dec., 8th, Fri., 2023

Session 1

Yuxin Zhang, Deqiang Yin, Zhenqian Wu, Yike Wang, Shengning Chen and Guilin Qi.

CDEP: Cross-domain Event Prediction Based on Continuous Learning

Jin Aoyama, Takeshi Morita, Takanori Ugai, Shusaku Egami and Ken Fukuda.

High Execution Rate Action Script Generation based on LLM in VirtualHome

Yike Wu, Nan Hu, Sheng Bi, Guilin Qi, Jie Ren, Anhuan Xie and Wei Song.

Retrieve-Rewrite-Answer: A KG-to-Text Enhanced LLMs Framework for Knowledge Graph Question Answering

Session 2

Jingyuan Huang, Quntian Fang, Sijie Wang, Zhiliang Tian, Feng Liu, Zhen Huang and Dongsheng Li.

Argumentative Relationship Recognition Based on End-to-End Multitask Learning

Pooja Oza, Shubham Chatterjee and Laura Dietz.

Neural Entity Context Models

Yuan Meng, Xiaoqiu Lu, Deqiang Yin, Guilin Qi and Wei Song.

Enhancing Cross-Domain Term Extraction with Neural Topic-based Models

Session 3

Riley Capshaw and Eva Blomqvist.

Understanding and Estimating Pseudo-Log-Likelihood for Zero-Shot Fact Extraction with Masked Language Models

Keyu Wang, Site Li, Jiaye Li, Guilin Qi and Qiu Ji.

An Embedding-based Approach to Inconsistency-tolerant Reasoning with Inconsistent Ontologies

Yukihiro Shiraishi and Ken Kaneiwa.

Embedding Models with Inverted-index and Co-occurrence Matrices for Ontology Subsumption Prediction

Session 4

Bao Liu, Guilin Qi and Yuxin Zhang.

Hierarchical constrained attention for distantly supervised relation extraction

Jianwei Zhang, Takeru Oda, Yuta Sasaki and Lin Li.

Link Prediction in Dynamic Networks by Combining GIN with LSTM

Ryu Takeda, Munakata Hokuto and Kazunori Komatani.

Link Prediction Based on Large Language Model and Knowledge Graph Retrieval under Open-World and Resource-Restricted Environment

Dec., 9th, Sat., 2023

Session 5 (Short papers)

Xi Tian, Peng Wang, Shengyu Mao and Ningyu Zhang.

Open-World Biomedical Knowledge Probing and Verification

Yuki Sawamura, Takeshi Morita, Shusaku Egami, Takanori Ugai and Kenichiro Fukuda.

Japanese Pointer Network based Entity Linker for Wikidata

Cheng Deng, Bo Tong, Jiaxin Ding, Luoyi Fu, Xinbing Wang and Chenghu Zhou.

PK-Chat: Pointer Network Guided Knowledge Driven Generative Dialogue Model

Zhu Ming, Zhang Min, Zhu Junhao, Zhao Yanqing, Wu Zhanglin, Yang Hao, Peng Song and Tao Shimin.

DSEA-KoBE: Quality Estimation Based on Distantly Supervised Entity Alignment

Session 6

Akio Kobayashi, Akira Hashimoto, Tetsuo Katsuragi and Takahiro Kawamura.

Recipe Recommendation for Health Care Using Food Functionality Knowledge Graph and Probabilistic Logic Programming.

Cheng Deng, Jiaxin Ding, Luoyi Fu, Weinan Zhang, Xinbing Wang and Chenghu Zhou.

COVIDia: An Academic Knowledge Graph for COVID-19 Interdisciplinary Research

Hiroki Uematsu and Hideaki Takeda.

Earthquake LOD: Seismic Dataset Construction with Ontology Oriented Design Patterns

Session 7

Yizheng Zhao.

Metadata-Based Term Selection for Abstraction of OWL Ontologies

Nhu Nguyen and Hideaki Takeda.

Exploring Cross-Language Differences in Wikidata-based Hyperlink Types for Enhanced Editorial Support on Wikipedia

Yan Wu, Yu Liu, Tianyi Zhou, Qingzhe Guo, Feng Gao and Simon Gu.

Index Optimization of Extended Characteristic Set for Temporal RDF