



29TH ACM SIGKDD CONFERENCE ON
KNOWLEDGE DISCOVERY & DATA MINING

KDD2023

AUGUST 6-10

LONG BEACH
Convention & Entertainment Center



Call For Papers: KnowledgeNLP-KDD'23

Introduction Language models are being developed and deployed in many applications, “small”-scale and large-scale, generic and specialized, text-only and multimodal, etc. Meanwhile, the missingness of important knowledge causes limitations and safety challenges. The knowledge includes common sense, world facts, domain expertise, and especially the unique patterns that need to be discovered from big data applications.

Paper Submission Topics include but are not limited to the following:

- Knowledge-augmented language model pre-training / fine-tuning
- Retrieval augmentation with unstructured / structured data
- Language models augmented with commonsense / knowledge graphs
- Scalable machine learning architectures in KnowledgeNLP products/platforms
- Knowledge-augmented NLP for user modeling and query understanding
- Knowledge-augmented NLP for e-commerce, RecSys, social media analysis, affective computing, education, healthcare, and other applications
- Human-centric NLP for social good and intelligent assistance

Important Dates

- Paper Submission Deadline: **May 23rd, 2023**
- Notification of Acceptance: June 23rd, 2023
- Camera-ready deadline: June 30th, 2023
- Workshop Date: August 7th or 8th, 2023
- All deadlines are 11:59pm UTC-12 ("anywhere on Earth")

Keynote Speakers



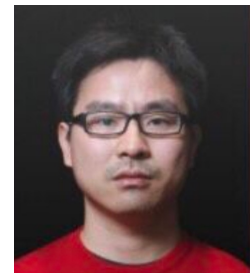
Dong, Xin Luna
Meta Reality Lab



Han, Jiawei
UIUC



Neves, Leonardo
Grammarly



Yin, Bing
Amazon

Organizers

Wenhao Yu, Lingbo Tong, Meng Jiang (ND); Weijia Shi (UW); Nanyun Peng (UCLA)

Website <https://knowledge-nlp.github.io/kdd2023>  **Twitter** @knowledgenlp