

*****KDBD -2020 CFP*****

The 2nd International Workshop on Knowledge Discovery for Big Data (KDBD 2020)

<http://ubinec.org/~kdbd2020>

in conjunction with the

18th IEEE International Conference on Pervasive Intelligence and Computing (PICom 2020)

<http://cyber-science.org/2020/picom/>

June 22-26 2020, Calgary, Canada

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❖ INTRODUCTION

In the big data era, with the enrichment of data collection and description measures, a wide array of data in various formats are collected much easier than before. It is significant to discover the knowledge hidden in the mass by comprehensive understanding and learning to realize the data intelligence, which can help human in various dimensions, such as intelligent decisions and predictive services. However, the volume, heterogeneous, low-quality and multimodal characteristics of the collected data pose great challenges to the design of knowledge discovery methods. Therefore, this workshop aims to provide a forum to present the state-of-the-art advancements on knowledge discovery for big data, which include related surveys, algorithms, platforms, systems and applications.

❖ SCOPE AND TOPICS

- Acquisition, transmission, storage, index and visualization for big data
- Innovative methods for big data analytics
- Multimodal data fusion
- Cross-modal reasoning and retrieval
- Domain adaption and transfer learning
- Zero-shot and few-shot learning
- Deep learning and reinforcement learning
- Knowledge graphs

- Natural language processing
- Parallel, accelerated, and distributed algorithms and frameworks for big data
- Security, privacy and trust in big data
- Big data in Internet of Things
- Methods for academic, traffic, medical, financial, and judicial big data
- Other methods, models, architectures and applications related to big data

❖ IMPORTANT DATES

- **Paper Submission Deadline: April 2, 2020**
- **Acceptance Notification: April 20, 2020**
- **Camera-ready Submission: May 31, 2020**

All accepted papers will be published by IEEE (IEEE-DL and EI indexed) in Conference Proceedings.

❖ PAPER SUBMISSION GUIDELINE

Papers should be prepared in IEEE CS format within 6 pages. IEEE formatting information: ([link](#))

Authors are invited to submit their original research work using IEEE CS Proceedings format via PICOM 2020 EDAS (<https://edas.info/N26908>). Ps: Log on the system and choose the Track of *International Workshop on Knowledge Discovery for Big Data*.