

# 2023 5th International Conference on Big Data Engineering

## BDE 2023

### November 17-20, 2023, Zhuhai, China

BDE 2023 is sponsored by Beijing Normal University-Hong Kong Baptist University United International College (UIC) and Beijing Normal University at Zhuhai (BNU Zhuhai).

Accepted papers will be published in the Conference Proceedings by ACM( ISBN: 979-8-4007-0869-5), which will be indexed by Ei Compendex and Scopus.

#### IMPORTANT DATES

**Submission Deadline: August 25**

**Acceptance Notification Date: September 15, 2023**

**Registration Deadline: September 30, 2023**

#### CALL FOR PAPERS

AIGC and LLM applications

Big Data Algorithms and Foundation

Big Data Infrastructure

Big Data Open Platforms

Big Data Management

Big Data Search and Mining

Big Data Security, Privacy and Trust

Big Data Applications

Prompt Engineering

Recommendation System and Knowledge Discovery

The other topics of interest for submission have been uploaded in our conference website: <http://www.bde.net/>

**English is the official language of the conference.**

**We welcome paper submissions.**

#### SUBMISSION METHODS AND CONTACT INFORMATION

Electronic Submission System:

<https://www.zmeeting.org/submission/BDE2023>

Conference Specialist: Ms. Daisy Zheng

E-mail: [bde.conference@gmail.com](mailto:bde.conference@gmail.com)

Tel: +86-021-59561560

Wechat: 17717447475

#### SPECIAL ISSUE

High quality papers will be recommended for special issues in

Mathematics (JCR - Q1/CiteScore - Q1, indexed within Scopus, SCIE, Impactor Factor: 2.592). The recommended papers will be peer-reviewed by the Guest Editors, and only accepted papers can be published.

#### CONFERENCE VENUE

**Beijing Normal University-Hong Kong Baptist University United International College (UIC)**

#### KEYNOTE SPEAKERS



**Prof. Xuemin Lin**

University of New South Wales, Australia  
(IEEE Fellow)



**Prof. Jianxin Pan**

Beijing Normal University, China  
Fellow of the Royal Statistical Society, Turning fellow of Alan Turing Institute for Data science and artificial intelligence  
Associate Vice President(internationalization)UIC, Dean of faculty of science and technology, UIC



**Prof. David P. Woodruff**

Full Professor in computer science, Carnegie Mellon University, USA  
Phd MIT  
was a research scientist at IBM Almaden  
was a member of the Academy of Technology and a Master Inventor



**Prof. Fei Ma**

Associate Vice President for Research and Impact, Xi'an Jiaotong-Liverpool University, China

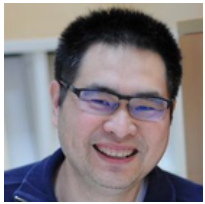
**For more conference information, please visit the conference website: <http://www.bde.net>**

# 2023 5th International Conference on Big Data Engineering

## BDE 2023

### November 17-20, 2023, Zhuhai, China

#### INVITED SPEAKERS



**Prof. Jinglai Li**  
University of Birmingham,  
UK



**Dr. Sen Wang**  
Huawei Theory Lab



**Assit Prof. Dong Wang**  
Chinese University of  
Hongkong, China

#### History of BDE

BDE 2019 was successfully held in Hong Kong during June 11-13, 2019.

Due to COVID-19, BDE 2020, 2021, 2022 were successfully held online.

All BDE papers have been published in ACM Conference proceedings and indexed in EI compendex and Scopus.

#### COMMITTEES OF BDE 2023

##### Honorary Chair

Prof. Jianxin Pan, Director for Guangdong Provincial Key Lab of Interdisciplinary Research and Application for Data Science, BNU-HKBU United International College, China

##### General Chairs

Prof. Zhe Xuanyuan, BNU-HKBU United International College, China

Prof. Shengxin Zhu, Beijing Normal University, China

##### General Co-Chairs

Prof. Dong Wang, Chinese University of Hong Kong, Shenzhen, China

Prof. Ke Wei, Fudan University, Zhuhai, China

Prof. Di Zhang, Xi'an Jiaotong-Liverpool University, China

Prof. Xin Ye, South China Normal University, China

Prof. Xianyu Zuo, Henan University, China

Prof. Hongjian Shi, BNU-HKBU United International College, China

##### Program Co-Chairs

Prof. Wei Song, North China University of Technology, China

Prof. Amiya Kumar Tripathy, Edith Cowan University, Australia

Prof. Wei Zhao, Guangdong University of Technology, China

For more committees, please visit:

<http://www.bde.net/committee.html>

#### Sponsored by



广东省数据科学与技术交叉应用重点实验室



数学研究中心  
Research Center for Mathematics

#### Supported by



香港中文大學(深圳)  
The Chinese University of Hong Kong, Shenzhen



Xi'an Jiaotong-Liverpool University  
西交利物浦大學



廣東工業大學  
Guangdong University of Technology



深圳市大数据研究院  
Shenzhen Research Institute of Big Data