2020 The Eighth International Conference on Advanced Cloud and Big Data (CBD 2020)

September 19-20, 2020, Tai Yuan, China
http://cds.tyut.edu.cn/cbd2020.htm

Organizing & Program Committees

General Conference Co-Chairs
− Ming Li, Taiyuan University of Technology, China
− Junzhou Luo, Southeast University, China
− Yi Pan, Georgia State University, USA
− Laurence T. Yang, St. Francis Xavier University, Canada

Program Committee Chair
− Xiaohua Jia, City University of Hongkong, China

Program Committee Co-Chairs
− Dengao Li, Taiyuan University of Technology, China
− Yan Jin, Taiyuan University of Technology, China
− Fang Dong, Southeast University, China

Local Organization Co-Chairs
− Xiufang Feng, Taiyuan University of Technology, China
− Wen Zheng, Taiyuan University of Technology, China
− Yongle Chen, Taiyuan University of Technology, China

Publicity Co-Chairs
− Rui Cao, Taiyuan University of Technology, China
− Haixia Zheng, Taiyuan University of Technology, China
− Runqun Xiong, Southeast Univerisity, China

Publication Co-Chairs
− Hongwei Xie, Taiyuan University of Technology, China
− Yu Zhou, Taiyuan University of Technology, China
− He Chen, Tsinghua University Press
− Jinghui Zhang, Southeast University, China

International Steering Committee
− Junzhou Luo, Southeast University, China
− Yi Pan, Georgia State University, USA
− Laurence T. Yang, St. Francis Xavier University, Canada
− Dengao Li, Taiyuan University of Technology, China

Organized by
− Taiyuan University of Technology
− Southeast University

Co-Sponsored by
− ACM Taiyuan Chapter
− ACM Nanjing Chapter
− ACM SIGCOMM China
− Tsinghua Science and Technology

Scope of Conference

The International Conference on Advanced Cloud and Big Data (CBD) provides a forum for both academics and practitioners working on cloud computing and big data technologies to explore new ideas, share their experiences and leverage each other's perspectives. Besides the latest research achievements, this conference also covers cloud/big data industry practices and their broad applications, and gives all participants a chance to identify the new/emerging "hot" trends in these areas. We solicit original papers on a wide range of cloud computing and big data topics that can be divided into three tracks but are not limited to:

Research Track

- Cloud Security and Privacy
- Cloud Data Center Networking
- Cloud Virtualization
- Cloud Storage
- Cloud Resource Management
- Multi/Hybrid/Inter Cloud
- Big Data Processing/Mining/Query
- Cloud Workflow Scheduling
- Cloud based AI /Deep Learning
- Cloud based Industrial Internet
- Edge Computing Architecture and Algorithm
- Machine Learning and AI at Edge

Industry Track

- Cloud Computing Solutions
- Cloud Computing Specifications/Standards
- Big Data in Economic Analytics
- Big Data in Smart City/Home
- Big Data in Industry Practices

Application Track

- Industrial Internet
- Mobile Edge Computing
- Machine/Deep Learning
- Social Networking
- Knowledge Graph

Paper Submission

Submitted manuscripts must be formatted in standard IEEE US Letter Format: http://www.ieee.org/conferences_events/conferences/publishing/templates.html and must be submitted via EasyChair (https://easychair.org/conferences/?conf=cbd2020) as PDF files. The review version is limited to 6 pages (IEEE proceedings format), including references and illustrations. Submitted papers should not be previously published in or be under consideration for publication in another conference or journal. Submission of a paper should be regarded as an undertaking that, should the paper be accepted, at least one of the authors will attend the conference to present the paper.

Publication

All submitted papers will be reviewed by program committee members and selected based on their originality, significance, relevance, and clarity of presentation. Accepted papers will be all published by Conference Publishing Services (CPS) and will be submitted for indexing to EI (Compendex). Authors of selected papers will be invited to submit revised and expanded version of their papers to be considered for publication in special issues of well-known international journals such as *Concurrency and Computation: Practice and Experience(SCI)*, *Tsinghua Science and Technology(SCI)*, *The Chinese Journal of Electronics(SCI)*, *Big Data Mining and Analytics(IEEE)*, etc.

Contact

Yongle Chen
Taiyuan University of Technology, China
Tel: 13994269473
Email: chenyongle@tyut.edu.cn

Important Dates

− Paper submission deadline: May 20, 2020
− Notification of acceptance: July 10, 2020
− Camera ready due: August 5 , 2020
− Registration due: August 5, 2020