

ICBDR 2017 | Osaka, Japan, Oct. 22-24, 2017

International Conference on

BIG DATA RESEARCH

2017 International Conference on Big Data Research aims to bring together researchers and practitioners from academia and industry to discuss latest progress and development in these fields. ICBDR 2017 would be the international platform for knowledge sharing as well as creating favorable atmosphere for collaboration initiations. This event will include contributions by renowned plenary and invited speakers, oral presentations, posters sessions and technical exhibition that relate to the topics dealt with in the Scientific Program.



Proceedings

Conference Papers (Full Paper) will be published into the International Conference Proceedings Series by **ACM**, which will be archived in the **ACM Digital Library**, and indexed by **EI Compendex, Scopus**.

Conference Chairs

Ruidong Li, National Institute of Information and Communications Technology (NICT), Japan

Maode Ma, Nanyang Technological University, Singapore

Technical Program Committee Co-Chairs

Masashi Sugano, Osaka prefecture university, Japan

Julian Webber, Advanced Telecommunications Research Institute International, Japan

Jinwen Zhu, Missouri Western State University, Saint Joseph, USA



Topics

Big Data Models and Algorithms

- Foundational Models for Big Data
- Algorithms and Programming Techniques for Big Data Processing
- Representation Formats for Multimedia Big Data

Big Data Architectures

- Cloud Computing Techniques for Big Data
- Big Data as a Service
- Big Data Open Platforms
- Big Data in Mobile and Pervasive Computing

Big Data Management

- Big Data Persistence and Preservation
- Big Data Quality and Provenance Control
- Big Data Storage and Retrieval

Big Data Security and Privacy

- Big Data System Security and Integrity
- Big Data Information Security
- Privacy Preserving Big Data Analytics
- Usable Security and Privacy for Big Data

Big Data in Smart Cities

- Big Data for Improving Resilient Infrastructures
- Big Data Applications such as Healthcare and Transportation
- Big Data for Enterprise, Government, and Society
- Big Data for Science and Engineering Research

Big Data Search, Mining, and Visualization

- Algorithms and Systems for Big Data Search
- Machine learning based on Big Data
- Visualization Analytics for Big Data

Instructions to Authors

All submissions must be original and previously unpublished papers. The submitted manuscripts will be peer-reviewed. Accepted and presented papers will appear in the conference proceedings.

Authors can consider two types of submissions:

- Regular Papers (limited to 8 A4 pages).
- Abstracts (abstract will not be published into conference proceedings)

We are pleased to invite you to submit abstracts/manuscripts to present your work in this important scientific event, which will be launched in Osaka, Japan, October 22-24, 2017.

Submission Methods

1. By email:

icbdr@academic.net

2. By submission system:

<https://easychair.org/my/conference.cgi?a=14916557;conf=icbdr2017;welcome=1>



Important Dates

Submission Deadline: July 25, 2017

Notification Date: August 15, 2017

Registration Deadline: September 5, 2017

Contact

Ms. Jennifer Law

Conference Secretary

Email: icbdr@academic.net

www.icbdr.org



Conference Venue

Osaka, Japan

Osaka is located on the main island of Honshu, roughly in the center of Japan. Osaka City, which was incorporated in 1889, has a population of 2.5 million and an area of 221 square kilometers. Osaka Prefecture, which includes Osaka City (its capital) and 42 other municipalities, has a population of 8.7 million and a total land mass of about 1,905 square kilometers. Although Osaka is Japan's second smallest prefecture by size, its population represents 7% of the entire nation, making it the second most populous prefecture after Tokyo. Furthermore, 10% of all non-Japanese residents live in Osaka.

Kansai (Hyogo, Kyoto, Nara, Wakayama, Shiga and Osaka) area covers a total of 27,350 square kilometers within a radius of 100 km from the center of Osaka. The population exceeds 20 million, making it one of the biggest metropolitan areas in the world.

Kansai represents approx 16% of Japan's gross domestic products. The scale of its economy alone exceeds that of Indonesia.

