



Preliminary Call For Papers

9th IEEE/ACIS International Conference on Big Data, Cloud Computing, and Data Science Engineering (BCD 2024) July 16-18, 2024, Kitakyushu, Japan



Sponsored by IEEE Computer Society and The International Association for Computer and Information Science (ACIS)

Important Dates

Workshop/Special session proposal:	December 15, 2023
Workshop/Special Session acceptance notification:	December 30, 2023
Full Paper Submission:	April 1, 2024 Extended: May 20, 2024
Acceptance Notification:	April 22, 2024 Extended: May 31, 2024
Camera-Ready Papers & Registration:	May 8, 2024 Extended: June 14, 2024
Conference Dates:	July 16-18, 2024

BCD 2024 Proceedings will be published by IEEE Conference Publishing Services and will be submitted to be indexed by EI, INSPEC, and DBLP.

Conference officers will select outstanding papers for publication in the following journals (www.acisinternational.org):

- International Journal of Networked and Distributed Computing (IJNDC)*, Springer, Germany
- International Journal of Software Innovation (IJSI)*, IGI Global, U.S.A.
- International Journal of Big Data Intelligence and Applications (IJBDA)*, IGI Global, U.S.A.
- Studies in Computational Intelligence (SCI)*, Springer, Germany

The 9th International Conference on Big Data, Cloud Computing, and Data Science (BCD 2024) brings together researchers, scientists, engineers, industry practitioners, and students to discuss, encourage and exchange new ideas,

research results, and experiences on all aspects of Big Data, Cloud Computing, and Data Science. BCD 2024 aims to facilitate cross-fertilizations among, and is soliciting papers in the key technology enabling areas.

The topics of interests include but not limited to:

Big data Infrastructure	Cloud Solution Design Patterns	Hybrid cloud
Big data management	Data analysis applications - bioinformatics	Mobile processing of big data
Big data privacy and security	Data analysis applications - business intelligence	NoSQL data stores
Big data theory and algorithms	Data analysis applications - social informatics	Outlier detection in big data
Big data visualization	Data cleaning methodologies	Processing of text documents
Cloud Application Scalability and Availability	Data extraction, transformation and load	Public and private clouds
Cloud Applications Performance and Monitoring	Data mining and knowledge discovery and bigdata	Emotional Artificial Intelligence, Metaverse
Cloud Computing Architecture	Data modeling	Social network analysis
Cloud Delivery Models	Distributed data structures, MapReduce	Web services
Cloud Optimization and Automation	Education in data science & engineering	Web-based data analysis

Best Paper Sward and Best Student Paper Awards will be conferred at the conference (in order to qualify for the award, the paper must be presented at the conference.)

The format of the manuscript should be in a two-column format and 6 pages in length. Up to an extra 2 pages (total of 8) can be purchased at registration time.

Conference Organizers

General Chair

Takayuki ITO, Professor, Kyoto University, Japan

Conference Chair

Shun Shiramatu, Professor, Nagoya Institute of Technology, Japan

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Shun Okuhara, Associate Professor, (Mie University) Japan
 Gu Wen, Assistant Professor, Japan Advanced Institute of Science and Technology, Japan
 Jawad Haqbeen, Assistant Professor, Kyoto University, Japan

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 Haruka Murai, Professor, Nagoya Institute of Technology, Japan
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Kazunori Yamazaki, Associate Professor, Aichi Mizuho College, Japan

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Naohiro Ishii, Professor, Advanced Institute of Industrial Technology, Japan