



## Preliminary Call For Papers

# 4<sup>th</sup> IEEE/ACIS International Conference on Big Data, Cloud Computing, and Data Science Engineering (BCD 2019) May 29-31, 2019, Honolulu, Hawaii



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

**BCD 2019 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](http://www.acisinternational.org)):

- *International Journal of Networked and Distributed Computing (IJNDC)*, Paris, France
- *International Journal of Software Innovation (IJSI)*, IGI Globe, U.S.A.
- *Studies in Computational Intelligence (SCI)*, Springer, Germany

Conference officers are arranging two special issues of SCI-Indexed Journals to publish outstanding papers.

- *Special Issue: Intelligent Data Analysis and Management Journal of Database Management (JDM)*
- *Special Issue: Knowledge-Based Intelligent Systems for Smart Computing International Journal of Computational Intelligence Systems (IJCIS)*

The 4th International Conference on Big Data, Cloud Computing, and Data Science (BCD 2019) 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 2019 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

	(ETL)	
Cloud Applications Performance and Monitoring	Data mining and knowledge discovery and big data	QoS for Applications on Clouds
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 Award 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.

Papers must be submitted electronically through EasyChair (<http://www.easychair.org/conferences/?conf=bcd2018>)

## Conference Organizers

**General Chair:** Roger Lee, Central Michigan University, USA

**Conference Chair:** Motoi Iwashita, Chiba Institute of Technology, Japan

**Program Chairs:** Atsushi Shimoda, Chiba Institute of Technology, Japan  
Prajak Chertchom, Thai-Nichi Institute of Technology, Japan

**Finance Chair:** Motoi Iwashita, Chiba Institute of Technology, Japan

**Registration Chair:** Masataka Sano, Chiba Institute of Technology, Japan

**Publicity Chair:** Arata Koike, Tokyo Kasei University, Japan

**Local Arrangement Chair:** Motoi Iwashita, Chiba Institute of Technology, Japan

## Important Dates

<b>Workshop/Special session proposal:</b>	<b>January 1, 2019</b>
<b>Workshop/Special Session acceptance notification:</b>	<b>January 16, 2019</b>
<b>Full Paper Submission:</b>	<b>March 15, 2019</b>
<b>Acceptance Notification:</b>	<b>March 30, 2019</b>
<b>Camera-Ready Papers &amp; Registration:</b>	<b>April 15, 2019</b>
<b>Conference Dates:</b>	<b>May 29-31, 2019</b>