



## Preliminary Call For Papers

# 8<sup>th</sup> IEEE/ACIS International Conference on Big Data, Cloud Computing, and Data Science Engineering (BCD 2023) December 14-16, 2023, Ho Chi Minh City



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

### Important Dates

<b>Workshop/Special session proposal:</b>	<b>September 1, 2023</b>
<b>Workshop/Special Session acceptance notification:</b>	<b>October 1, 2023</b>
<b>Full Paper Submission:</b>	<b>July 30, 2023 Extended: October 21, 2023</b>
<b>Acceptance Notification:</b>	<b>August 31, 2023 Extended: October 28, 2023</b>
<b>Camera-Ready Papers &amp; Registration:</b>	<b>November 1, 2023 Extended: November 5, 2023</b>
<b>Conference Dates:</b>	<b>December 14-16, 2023</b>

**BCD 2023 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.*
- International Journal of Big Data Intelligence and Applications (IJBDA)*

□ *Studies in Computational Intelligence (SCI), Springer, Germany*

The 8th International Conference on Big Data, Cloud Computing, and Data Science (BCD 2023) 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 2023 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:** Prof. Roger, Central Michigan University, USA,  
Prof. Gwangyong Gim, Soongsil Univ. Korea

**Conference Chairs:** Prof. Thi Phuong Lan Ngo, University of Social Sciences and Humanities–VNUHCM, Vietnam,  
Prof. Jongwoo Park, Soongsil Univ., Korea

**Program Chairs:** Prof. Anh Tien Tran, University of Social Sciences and Humanities – VNUHCM, Vietnam,  
Prof. Jongbae Kim, Soongsil Univ., Korea,  
Prof. Sungtaek Lee, Yong In Univ., Korea

**Finance Chair:** Prof. Jungjae Lee, Soongsil Cyber Univ., Korea

**Registration Chair:** Prof. Thi Phuong Lan Ngo, University of Social Sciences and –VNUHCM, Vietnam,  
Prof. Anh Tien Tran, University of Social Sciences and –VNUHCM, Vietnam

**Publicity Chairs:** Prof. Phan Nhu Quynh, University of Social Sciences and –VNUHCM, Vietnam,  
Prof. Van Hung Trong, Danang National University, Vietnam,  
Prof. Jongwoo Park, Soongsil Univ., Korea,  
Prof. Vo Thi Thanh Thao, Danang National University, Vietnam,  
Prof. Jongbae Kim, Soongsil Univ., Korea

**Local Arrangement Chair:** Prof. Nhu Quynh Phan, University of Social Sciences and Humanities–VNUHCM, Vietnam