Preliminary Call For Papers

**7th IEEE/ACIS International
Conference on
Big Data, Cloud Computing, and Data Science Engineering (BCD 2022)
August 4-6, 2022, Danang**

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

Important Dates

Workshop/Special session proposal:	**February 1, 2022**
Workshop/Special Session acceptance notification:	**February 15, 2022**
Full paper Submission:	~~**May 24, 2022**~~, **June 6, 2022**
Notification Deadline:	~~**June 7, 2022**~~, **June 20, 2022**
Camera-Ready/Registration:	~~**June 21, 2022**~~, **June 30, 2022**
Conference Dates:	**August 4-6, 2022**

BCD 2022 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), Paris, France*
- *International Journal of Software Innovation (IJSI), IGI Globe, U.S.A.*
- *International Journal of Big Data Intelligence and Applications (IJBDIA)*
- <u>*Studies in Computational Intelligence*</u> *(SCI), Springer, Germany*

The 7th International Conference on Big Data, Cloud Computing, and Data Science (BCD 2022) 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 2022 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	IT Services
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.

Conference Organizers

General Chair: Prof. Roger Central Michigan University, USA,
Prof. Gwangyong Gim, Soongsil Univ. Korea
Conference Chairs: Dr. Van Hung Trong, Vietnam - Korea University of Information and Communication
Technology - The University of Danang
Prof. Jongwoo Park, Soongsil Univ., Korea
Program Chairs: Dr. Vo Thi Thanh Thao, Vietnam - Korea University of Information and Communication
Technology - The University of Danang
Prof. Jongbae Kim, Soongsil Univ., Korea
Finance Chair: Prof. Donghyuk Cho, Soongsil Univ., Korea
Registration Chair: Dr. Donghyuk Cho, Soongsil Univ., Korea

Publicity Chairs:
Dr. Van Hung Trong, Vietnam - Korea University of Information and Communication Technology –
The University of Danang
Prof. Jongwoo Park, Soongsil Univ., Korea
Dr. Vo Thi Thanh Thao, Vietnam - Korea University of Information and Communication Technology –
The University of Danang
Prof. Jongbae Kim, Soongsil Univ., Korea

Local Arrangement Chair: Dr. Vo Thi Thanh Tho, Vietnam - Korea University of Information and
Communication Technology - The University of Danang