



## Preliminary Call For Papers

# 6<sup>th</sup> IEEE/ACIS International Conference on Big Data, Cloud Computing, and Data Science Engineering (BCD 2021) June 15-17, 2021, Zhuhai, China Beijing Institute of Technology (Zhuhai)



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

### Important Dates

<b>Workshop/Special session proposal:</b>	<b>January 1, 2021</b>
<b>Workshop/Special Session acceptance notification:</b>	<b>January 16, 2021</b>
<b>Full Paper Submission:</b>	<b>February 21, 2021</b>
<b>Acceptance Notification:</b>	<b>March 10, 2021</b>
<b>Camera-Ready Papers &amp; Registration:</b>	<b>March 25, 2021</b>
<b>Conference Dates:</b>	<b>June 15-17, 2021</b>

**BCD 2021 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 6th International Conference on Big Data, Cloud Computing, and Data Science (BCD 2021) 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 2021 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	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 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. Xianli Zhao

**Honorary Chair:** Prof: Gongzhu Hu, Central Michigan University

**Conference Chairs:** Prof: Binghua Su, Beijing institute of technology (Zhuhai), Zhuhai, China  
Chair Professor Wencai Du, City University of Macau, Macau

**Program Chairs:** Prof. Jixin Ma, University of Greenwich,  
Prof. Simon Xu , Algoma University, Canada

**Finance Chair:** Associated Prof. Assoc/Prof. Xiaoshou Zhou, Beijing Institute of Technology (Zhuhai), China

**Registration Chair:** Dr. Zhange En, Beijing Institute of Technology (Zhuhai), China

### Publicity Chairs:

As/Professor Hailu Xu, California State University Long Beach, USA  
 Prof. Qian Tou, Macau University, Macau  
 Prof. Tokuro Matsuo, Advanced Institute of Industrial Technology, Japan  
 Prof. Meina Song, Professor Beijing University of Posts and Telecommunications, China  
 Prof. Juqing Yang, Beijing Institute of Technology(Zhuhai), Zhuhai, China  
 Prof. Yuesheng Zhu, PekingUniversity, Beijing, China  
 Associated Prof. Mingfang Du, Tsinghua University, Beijing ,China  
 Prof. Zhongzhao Zhang, Harbin Institute of Technology, Harbin ,China  
 Prof. Leiting Chen, University of Electronic Science and Technology of China, Chang Du,China  
 Prof. Yonggang Zhang, Jilin University, Chang Chun, China  
 Prof. Jieqing Tan, Hefei University of Technology, Hefei ,China  
 Prof. Hongbo Zhu, Nanjing University of Posts and Telecommunications, Nanjing, China

**Local Arrangement Chair:** Associate Prof. En Zhange Beijing Institute of Technology (Zhuhai)