



Preliminary Call For Papers

6th IEEE/ACIS International Conference on Big Data, Cloud Computing, and Data Science Engineering (BCD 2021) June 7-9, 2021, Macao



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

Important Dates

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| Workshop/Special session proposal: | January 1, 2021 |
| Workshop/Special Session acceptance notification: | January 16, 2021 |
| Full Paper Submission: | February 21, 2021 |
| Acceptance Notification: | March 10, 2021 |
| Camera-Ready Papers & Registration: | March 25, 2021 |
| Conference Dates: | June 7-9, 2021 |

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):

- *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:

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| 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. IP Kuai Peng, City University of Macau

Honorary Chair: Prof: Gongzhu Hu, Central Michigan University

Conference Chairs: Wencai Du, City University of Macau,
Prof. Simon Xu, Algoma University

Program Chairs: Prof. Jixin Ma, University of Greenwich,
Prof. Zhiming Cai, City University of Macau

Finance Chair: Dr. Men Chen , City University of Macau

Registration Chair: Dr. Men Chen, City University of Macau,
Dr. Lu Liu , City University of Macau

Publicity Chairs:

Prof. Biao Liu, Tsinghua University

Prof. Lei Zhang , Tongji University

Prof. Yun Yang, Yunnan University

Associate Prof. Xiaoshu Zhou , Beijing Poly-tech University

Prof. Jia Ren, Hainan University

Dr. Lu Liu ,City University of Macau

Local Arrangement Chair: Associate Prof. Sonny Su, City University of Macau