The 8th IEEE International Conference on Cloud and Big Data Computing (CBDCom 2022)

http://cyber-science.org/2022/cbdcom/

joint conference IEEE DASC/PICom/CBDCom/CyberSciTech 2022
September 12 - 15, 2022 Calabria, Italy

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Important Dates

Workshop/SS Proposal Due:	15 Mar 2022
Workshop/SS Proposal Notification:	01 Apr 2022
Paper Submission:	01 Jun 2022
Acceptance Notification:	01 Jul 2022
Camera-ready Submission:	15 Jul 2022

The IEEE International Conference on Cloud and Big Data Computing is a premier forum for researchers, practitioners and developers who are interested in cloud computing and big data to explore new ideas, techniques and tools, as well as to exchange experience. Besides the latest research achievements, the conference covers also innovative commercial data management systems, innovative commercial applications of cloud computing and big data technology, and experience in applying recent research advances to real-world problems

IEEE CBDCom 2022 will be the 8th edition of the conference after the success of CBDCom 2015 in Beijing, CBDCom 2016 in Toulouse, CBDCom 2017 in San Francisco, CBDCom 2018 in Guangzhou, CDBCom 2019 in Fukuoka, and CBDCom 2020 and CBDCom 2021 in Calgary. It will continuously offer a platform for researchers to exchange novel studies, discuss important issues and explore key challenges in innovative cloud and big data for smarter world. IEEE CBDCom 2022 will be held in September 5 - 8, 2022, co-located with IEEE CyberSciTech 2022, IEEE PICom 2022, and IEEE DASC 2022. It aims to bring together computer scientists, engineers and researchers from academia and industry to discuss and exchange experimental and theoretical results, work-in-progress, novel designs, and future trends in cloud and big data innovations.

Tracks and Topics

Track 1: Data Science & Analytics: Big Data Fundamentals and Novel Paradigms; Big Data Algorithms, Applications & Services; Big Data Mining and Analytics; Big data Processing and Querying; Big Data Visualization; Big Data Computing & Recommendations

Track 2: Big Data Infrastructure & Management: Big Data Cloud, Grid, Stream Computing; High Performance Platforms for Big Data; NoSQL Data Stores and DB scalability; Energy-Efficient Computing for Big Data; Recommendation & Social Media Systems; Big Data Availability and Reliability

Track 3: Big Data Tools and Applications: Complex Big Data Processing; BD in Networks and Communications; Big Data as a Service; Data Warehousing over Big Data; BD Machine and Deep Learning; Innovative Applications and Experiences

Track 4: Cloud Management & Virtualization: Virtualization Technologies; Cloud Computing Platforms; Public, Private, and Hybrid Clouds; Green & Energy Management; Cloudlet and Serverless Computing; Resource Management, Storage & QoS

Track 5: Cloud/Big Data Security, Privacy & Trust: Security, Privacy & Reliability in Cloud & BD; Dependable/Trustworthy Big Data Processing; Security/Privacy/ Trust as a Service; Blockchain in Cloud and Big Data Application

Track 6: Cloud/Big Data for IoT & Smart City: Smart Data & Smart Environments; CBD for IoT & Cyber-Physical Systems; RFID & Related Technologies for IoT; M2M Communications and IoT; IoT and Smart City Infrastructures; Green Computing for Big Data & Smart City
Authors who are unable to attend physically, due to pandemic-related situations, will have the opportunity to present their work remotely.

Submission Instructions

Authors are invited to submit their original research work that has not previously been submitted or published in any other venue. Regular, work-in-progress (WiP), workshop/special session, and poster papers need to be submitted via Easychair (https://easychair.org/conferences/?conf=dascpicomcbdcomcyber).
Papers should be prepared in IEEE CS Proceedings format. IEEE formatting information:
http://www.ieee.org/conferences_events/conferences/publishing/templates.html
All accepted papers in the main tracks, workshops, special sessions and demos/posters will be published in an IEEE Computer Society proceedings (IEEE-DL and EI indexed). Best Paper Awards will be presented to high quality papers. Selected papers will be recommended to prestigious journal Special Issues.
Some papers originally submitted as full papers can be accepted as short papers or posters during the review process. In such cases, the authors will need to reduce the paper accordingly when preparing the camera-ready version. At least one of the authors of any accepted paper is requested to register and present the paper at the conference.
Regular Tracks: **6-8** pages - WiP/Workshop/Special Session Tracks: **4-6** pages - Poster Track: **2-4** pages