IEEE CBDCom 2024

The 10th IEEE International Conference on Cloud and Big Data Computing
November 5-8, Boracay Island, Malay, Philippines

http://cyber-science.org/2024/cbdcom

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 2024 will be the 10th 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, CDBCom 2020 in Calgary, CDBCom 2021 held virtually, CDBCom 2022 in Calabria, and CDBCom 2023 in Abu Dhabi. 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 2024 will be held in November 5-8, 2024, co-located with IEEE CyberSciTech 2024, IEEE PICom 2024, and IEEE DASC 2024. 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.

IEEE CBDCom 2024 Tracks and Topics

Track 1: Theories and Algorithms	Track 2: Systems and Management
✧ Big Data Fundamentals and Novel Paradigms ✧ Big Data Algorithms, Applications & Services ✧ Big Data Mining and Analytics ✧ Big data Processing and Querying ✧ Big Data Computing & Recommendations ✧ Learning techniques for Cloud and Big Data ✧ Cloud-Native Theories and Algorithms	✧ 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 ✧ Public, Private, and Hybrid Clouds ✧ Green & Energy Management ✧ Cloudlet and Serverless Computing
Track 3: Security, Privacy & Trust	**Track 4: Tools and Applications**
✧ Security, Privacy & Reliability in Cloud & Big Data ✧ Dependable/Trustworthy Big Data Processing ✧ Security/Privacy/Trust as a Service ✧ Hardware Security of Cloud & Big Data ✧ Blockchain for Cloud and Big Data ✧ Federated LearningCyber Social Right, Policy & Laws	✧ Data Warehousing over Big Data ✧ Innovative Applications and Experiences ✧ 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

CBDCom 2024 Submissions and Publications

IEEE CBDCom 2024 calls for original papers, together with workshop and special session (SS) proposals, which focus on specific subjects related to cyber science and technology Submission link: https://edas.info/N32603

All accepted regular and work-in-progress (WiP) papers as well as workshop, and SS papers will be published by IEEE in the Conference Proceedings (IEEE-DL and EI indexed). Selected high quality papers will be recommended to prestige journal special issues.

Three Co-located IEEE International Conferences

◆ The 9th IEEE Cyber Science and Technology Congress (CyberSciTech 2024)
◆ The 22nd IEEE Int'l Conf. on Dependable, Autonomic & Secure Computing (DASC 2024)
◆ The 22nd IEEE Int'l Conf. on Pervasive Intelligence and Computing (PICom 2024)

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