

ICS 2022 Workshop on Cloud Computing and Big Data

Call for Papers

The **2022 Workshop on Cloud Computing and Big Data** in conjunction with 2022 International Computer Symposium (ICS 2022) will be held at National Taipei University of Business, Taoyuan, Taiwan, on December 15-17, 2022. ICS is one of the most prestigious international ICT symposiums held in Taiwan. This Workshop intends to provide a forum for researchers, scientists, educators, industrials, and professionals to exchange the latest findings or practices in cloud computing and big data. To bring together the experts from the academic and industrial communities, authors are encouraged to submit their up-to-date contributions to the literature and explore future applications in the ICT industry. All the papers will be published to the symposium in Springer-Verlag CCIS series, Communications in Computer and Information Science. CCIS is abstracted/indexed in DBLP, Google Scholar, EI-Compendex, Mathematical Reviews, SCImago, Scopus. Distinguished papers will be recommended to international academic journals.

Scope of the Workshop

Topics of interest include all aspects of cloud computing and big data, but are not limited to:

- Emerging technologies for big data processing on the cloud
 - Optimization model for elastic applications on the cloud
 - Novel algorithms and models for parallel and distributed systems
 - Intelligent resource management, job scheduling, and data analysis using AI or ML technologies
 - Performance enhancement and benchmarking for emerging cloud, fog, and edge computing
 - Service orchestration and management for virtualized or containerized network functions on the cloud
 - Framework architecture for large-scale IoT applications on the cloud
 - QoS assurance for emerging big data processing and analysis on the cloud
 - Other applications and novel approaches related to the field
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Important Dates

Full paper submission: ~~September 15, 2022~~ September 22, 2022 (AoE)

Paper notification: October 22, 2022

Camera-ready paper due date: October 31, 2022

Conference date: December 15-17, 2022

Submission Instructions

Before submission, authors should carefully read over the submission guidelines, located at <https://ics2022.ntub.edu.tw>. Simultaneous submission to a journal or another conference with refereed proceedings is not allowed. All papers must be submitted in an electronic format according to the conference paper submission guidelines at the website. Submission system: <https://easychair.org/conferences/?con=ics2022>.

Workshop Co-Chairs

Ching-Hsien Hsu, Asia University, Taiwan

Wu-Chun Chung, Chung Yuan Christian University, Taiwan

Workshop Program Committee

Jemal Abawajy, Deakin University, Australia

Christophe Cérin, Université Paris 13, France

Yao-Chung Chang, National Taitung University, Taiwan

Yue-Shan Chang, National Taipei University, Taiwan

Tzung-Shi Chen, National University of Tainan, Taiwan

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