IEEE International Workshop on Software Engineering and Big Data  
December 11-14, 2020 • Macau, China

CALL FOR PAPERS

Big Data technology is playing an important role nowadays in many domains. It improves the data process and data analysis. Software Engineering is a traditional research field that explores the theories and techniques for software construction and application. The Big Data technology will also lead to important opportunities for the Software Engineering field. By leveraging Big Data tech.-based intelligent methods, such as deep learning and reinforcement learning, Software Engineering researchers will not suffer from the troubles of massive data processing. They are able to explore more implicit and complex patterns of the software systems and services. With the new patterns, more novel and brilliant approaches can be developed that rapidly facilitate Software Engineering research in different focuses, such as software architecture, safety and reliability, security, and scalability. Therefore, the research of Big Data technology-based Software Engineering method is becoming a significant future investigation direction. The SEBD workshop is intended to provide researchers a forum to present the latest innovation and share experience in the cross-domain of Software Engineering and Big Data.

The topics of interest include, but are not limited to:
(1) Software architecture based on big data
(2) Cloud-based software engineering
(3) Software safety and security based on big data
(4) Information retrieval based on big data
(5) Pattern recognition based on big data
(6) Knowledge engineering based on big data
(7) Big data visualization and virtual reality
(8) Human computer interaction based on big data
(9) Software applications based on big data

Important Dates
June 15, 2020 Submission deadline
July 10, 2020 Author notification

Workshop Organizers
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Format and submission guideline
Submit original papers (not published or submitted elsewhere) with a maximum of eight pages. Include the title of the paper, the name and affiliation of each author, a 150-word abstract, and up to 6 keywords. The format of your submission must follow the IEEE conference proceedings format.

Click here to submit your papers to SEBD 2020.