



Preliminary Call for Papers
**International Virtual Workshop on Software
Engineering in IoT, Big data, Cloud and Mobile
Computing
(SE-ICBM 2020)**
October 17, 2020, Soongsil University, Seoul, Korea



**Sponsored by International Association for Computer and Information Science (ACIS)
In-Cooperation with Daegu Catholic University**

IMPORTANT DATES

Full/Poster Paper Submission:	July 1, 2020
Acceptance Notification:	July 30, 2020
Camera-Ready Papers & Registration:	August 15, 2020
Conference Dates:	October 17, 2020

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 Global, U.S.A.*
- *International Journal of Big Data Intelligence and Applications (IJBDA), IGI Global, USA*
- *Studies in Computational Intelligence (SCI), Springer, Germany*

All the above journals and the Springer book have been indexed in Scopus.

These papers are to be selected from the registered papers (also Presented papers) that the number of the accepted /registered papers is the most important as we will have formally indicated the number in the preface the Springer book.

We expect over 100 submissions for the workshop.

Topic Description of the workshop:

Handheld devices promise to dominate the future of software platforms as a result of the rapid convergence of computers and mobile phones. The number of mobile subscribers is continuously increasing, which makes ICBM as IoT, Cloud computing, Big data and Mobile Computing an exciting and growing.

This special session Software Engineering with ICBM will discuss the analysis, evaluation and implementation of IoT, Big data, Cloud and Mobile Computing as well as the appreciation of mobile platform development.

Through the special session, advanced hands-on theory and practical projects approach, we will present the development in design, development, communication, management, information regarding Software Engineering.

This session will cover a broad set of research topics about industrial application Software Engineering in ICBM including but not limited to the following:

Software Engineering methods and techniques of ICBM application software	Framework and Components based technology in ICBM
Testing and validation methods and techniques of ICBM application software	Model-based software and system engineering in ICBM
Advanced information technology application study in industrial ICBM software	Parallel and Distributed Computing Reliability and Fault Tolerance
Software product line in ICBM	Quality and performing study on ICBM application software
Best Practices of ICBM application software	

Workshop Organizers:**Honorary General Chair**

Dr. Roger Lee, Central Michigan University, USA

Workshop Chair and Organizer

Dr. Haeng Kon Kim, Daegu Catholic University, Korea

Workshop Program Chair:

Dr. Sun Myung Hwang, Dae Jeon University, Korea

Workshop Registration Chair:

Dr. Jeong A Kim, Catholic Kwan Dong University, Korea

Workshop Program**Committees:**

Dr. Ha Jin Hwang, Sunway University, Malaysia

Dr. Dae Young Kim, KAIST, Korea,

Dr. Bobby Gerardo, West Visayas State University, Philippines

Dr. Subra Ganesan, Oakland University, USA

Dr. Jae Soo Kim, Kyung Buk National University

Dr. Jae Whan Lee, KunSan National University, Korea

Dr. Marley Lee, Jeonbuk National University, Korea

Dr. Hyun Yeo, Suncheon National University, Korea

Dr. Young Cheol Byun, Je Ju National University, Korea

Dr. Young Pil Geum, Dean of Innovation Start-up Growth, Daegu Catholic University, Korea