

*Join International Conference on the ICCA 9th (International
Convergence Computing and its Application) and KSB
1st(Korea Society of Blockchain) 2017
November 24, 2017,
2nd Floor, Korea Federation of SMEs, Seoul, Korea*

Welcome Message from ICCA 9th 2017 & KSB 1st 2017

The Joint Conference on International Convergence Computing and its Application (ICCA 2017), Korea Society of Blockchain (KSB 2017) is held on November 24, 2017 at 2nd Floor, Korea Federation of SMEs, Seoul, Korea.

ICCA, and KSB will be the most comprehensive conference focused on the various aspects of advances in Information Technology and convergence, practically in Blockchain. Our conference provides a chance for academic and industry professionals to discuss recent progress in the area of Information Technology and convergence.

Today, in each session, a good many distinguished people are expected to provide informative presentations. We believe that the discussion in this ICCA 2017 9th, KSB (Korea Society of Blockchain) will give many meaningful guidelines in the development of ICT, and FinTech convergence policies and strategies. The goal of this Workshop is to bring together the researchers from academia and industry as well as practitioners to share ideas, problems and solutions relating to the multifaceted aspects of ICT, and FinTech and convergence.

ICCA, and KSB consists of some technical sessions and special sessions, and these sessions will cover whole research areas in Information Technology and convergence. Each session has its own online paper submission and review system. And most submitted papers was reviewed by 3 experts (program committee).

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The success of ICCA 2017 9th Workshop would not have been possible without the huge support from our sponsors and the work of our chairs and committee.

We would like to extend our welcome and express our gratitude to all of the authors of submitted papers and to all of the attendees, for their contributions and participation. Achieving such a high quality of proceedings would have been impossible without the huge work that was undertaken by the International Program Committee members. We take this opportunity to thank them for their great support and cooperation.

We strongly believe in the need for continuing this undertaking in the future, in the form of a Workshop, journal, or book series.

General Chair of ICCA 2017 9th & KSB 2017 1st:

Adrian Stoica, NASA JPL, USA

Majida Ali Abed Meshari, Tikrit University, Iraq

Hoh Peter In, Korea Univ, Korea

Program Chair of ICCA 2017 9th & KSB 2017 1st :

Seng-Phil Hong, Sungshin W. Univ., Korea

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ICCA 9th 2017 & KSB 1st 2017 is organized by

General Chair of the Organizational Committee

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Majida Ali Abed Meshari, Tikrit University, Iraq

Hoh Peter In, Korea Univ., Korea

Program Chair of the Organizational Committee

Seng-Phil Hong, Sungshin W. Univ., Korea

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Part 1 Conference Program

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2017-November-24	
Registration Open 09:00 ~	
09:00~10:00	Coffee Break with Snack
10:00~13:00	Title: Advanced Research related to Blockchain
	Seminar Room #2, 2 nd Floor
	Session Chair: Il-Gu Lee (Sungshin W. University)
13:00~14:00	Coffee Break
14:00~16:00	Workshop : The Next Generation Blockchain
	Seminar Room #2, 2 nd Floor
	Session Chair: Vice-chair of Korea Society of Blockchain

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Time	Contents
10:00 ~ 12:00	Advanced Research related to Blockchain (Seminar Room #2, 2nd Floor) Chair: Il-Gu Lee (Sungshin W. University)
10:00 ~ 10:15	A Connection On Demand Approach using Advertising Events for Improving the Devie Capacity in the BLE Networks Yejin Shin, Soonuk Seol
10:15 ~ 10:30	Saving Deployment Costs of Smart Contracts by Eliminating Gas-wasteful Patterns JaeYong Park, Daegeon Lee, Hoh In
10:30 ~ 10:45	A Study on Efficient KSI System based on Multi Path Hash Chain Yeong-Jin Ra, Im-Yeong Lee
10:45 ~ 11:00	Character Simulation Game Using Multi-Generation and Multi-Scenarios Kyung-Rok Byun, Hae-Won Byun
11:00 ~ 11:15	A Study on ways to apply the blockchain-based online voting system Hye Ri Kim, Kyoungsik Min, Seng-phil Hong
11:15 ~ 11:30	Dynamic blind voting Blockchain Consensus rule for Non-financial transaction Cho Soohwan
11:30 ~ 11:45	Preventing DDoS attack in Block chain through dynamic analysis of transaction flows jung wonwoo
11:45 ~ 12:00	Design and Implementation of System for Reliable Application using Blockchain : A Case Study in P2P Loan Kyoung-Jin Kim, Seng-Phil Hong
12:00 ~ 12:15	Secure Inter-frame Space Communications for Wireless LANs Il-Gu Lee
12:15 ~ 12:30	Opportunistic Secure Communications for Wireless Local Area Networks Il-Gu Lee

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Time	Contents
12:30 ~ 13:00	Poster Session: Advanced Research related to Blockchain (Seminar Room #2, 2nd Floor) Chair: Il-Gu Lee (Sungshin W. University)
12:30 ~ 13:00	Performance Evaluation of Prototype FBMC Cognitive Radio under Constraints of L Number of Sensing Samples Ankur Singh Kang, Er. Vishal Sharma and Renu Vig
	Statistical Modelling and Analysis of Borehole Computer Experiment Kazeem Adewale Osuolale, Waheed Babatunde Yahya and Babatunde Lateef Adeleke
	Social Media Analytics Driven Counterterrorism Tool to improve Intelligence Gathering towards Combating Terrorism in Nigeria Muhammad Lawan Jibril, Ibrahim Alh Mohammed and Atomsa Yakubu
	Optimal Power Allocations of Different Modulations for Multi-Channel Cognitive Radio Systems Using Stackelberg Game Mohammad Obaidur Rahman and Asaduzzaman
	Design and Implementation of 8-Bit Low Power Parity Preserving Carry Skip Adder Using Reversible Computing Ankush Mongia
	Automatic Alert System for Worn Out Pipes in Autonomous Vehicles Yair Wiseman
	Deep Learning Image Processing Technique for Early Detection of Alzheimer's Disease Raju Anitha, S. Jyothi, Venkata Naresh Mandhala, Debnath Bhattacharyya
	Parameterization of Stand-Alone Solar PV System Performance - An IoT Solution Varaprasad Janamala
	Modified Fuzzy Forecasting Approach for Student Enrollment Series Muhammad Ullah, Farhadur Reza, AzizurRahman and Mariam Akter
	A Soft Computing Approach to Provide Recommendation on PIMA Diabetes Syed Muzamil Basha, H. Balaji, N. Ch. S. N Iyengar and Ronnie D. Caytiles

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Part 2 Workshop Program

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시간	구분	내용
13:30~ 14:00	» 등록 및 접수 (2층 제1대회의실)	
14:00~ 14:10	환영사	» 환영사: 인호 고려대 교수 -(사)한국블록체인학회 학회장
14:10~ 14:50	Key Note Speaker 1	» "Blockchain projects in Australia" Ph.D. Ingo Weber Principle Research Scientist DATA 61, Australian Technology Park, Australia
14:50~ 15:20	Key Note Speaker 2	» "블록체인과 금융혁신" 하태형 소장 울촌법무법인 소장 및 아시아 미래 핀테크 포럼 대표
15:20~ 15:40	» Coffee Break	
15:40~ 16:10	정부	» "블록체인 산업정책 동향" 주용완 본부장 한국인터넷진흥원, 블록체인 팀장
16:10~ 16:40	산업체	» "산업별 사례 고찰을 통한 블록체인의 현재와 미래" 오세현 전무 SK C&C, 한국블록체인오픈포럼 회장
16:40~ 17:10	보건 · 복지	» "보건의료서비스 플랫폼에서의 블록체인기술의 활용" 이영성 원장 한국보건의료연구원
17:10 ~17:50	» 패널 토론: 블록체인의 미래와 이슈 패널 사회자: 인 호 한국블록체인학회 학회장 패널리스트: 주용완 한국인터넷 진흥원 본부장 오세현 한국블록체인오픈포럼 회장 이영성 한국보건의료연구원 원장 홍승필 성신여대 교수 박수용 지능형블록체인 연구센터(ITRC) 센터장	
17:50~ 16:00	Close Session	

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