

CALL FOR PARTICIPATION

2020 IEEE International Conference on Big Data and Smart Computing

February 19(Wed.)-22(Sat.), 2020, BEXCO, Busan, Korea

<http://www.bigcomputing.org>



You are invited to attend the 2020 IEEE International Conference on Big Data and Smart Computing 2020 (IEEE BigComp2020). It provides an international forum for exchanging ideas and information on big data and smart computing fields which have recently drawn much attention and interests.

Keynote 1



Title : Data Challenges Towards the Realization of Society 5.0 Vision

Speaker : Masaru Kitsuregawa
Director General of National Institute of Informatics and Professor at Institute of Industrial Science, the University of Tokyo

Keynote 2



Title : Mining Unstructured Big Text: A Multi-Dimensional Analysis Approach

Speaker : Jiawei Han
Abel Bliss Professor, Department of Computer Science, University of Illinois at Urbana-Champaign

Keynote 3



Title : Hybrid Deep Learning with Explainable Latent Space for Big Data Analysis

Speaker : Sung-Bae Cho
Professor, Yonsei University

Conference- Preliminary Program (At a Glance)

Workshop Day: February 19 (Wednesday), 2020						
Time	321	322	323	324	325	326
09:00-12:30	WS3- KBS2020 * Korean	WS4- IWBIGDataCity & WS11- RDAU2020 * Joint WS	WS5- ISComp2020	WS9- SHEBD2020	WS7- BigData4 SmartEnergy 2020	WS8- IWDS
12:30-14:00	Lunch					
14:00-19:00	WS3-KBS2020 (Cont'd)	WS1-CMComp2020 (9)	WS2-DrivComp2020 (11) * 25min/paper	WS9-SHEBD2020 (Cont'd)	WS6-CompDS4 HealthcareAI	WS10-MEGA AI 2020
Main Conference Day 1: February 20 (Thursday), 2020						
Time	321	322	323	324		
08:30-17:40	Registration at BEXCO					
08:30-09:00	Opening					
09:00-10:00	Keynote Speech 1 Data Challenges Towards the Realization of Society 5.0 Vision (Masaru Kitsuregawa, University of Tokyo)					
10:00-10:30	Coffee Break					
10:30-12:15	Session 1A (10:30-12:30) Tutorial 1: Blockchain and its Security Risk	Session 1B Data Mining I	Session 1C Distributed Computing I			
12:15-14:00	Lunch					
14:00-15:45	Session 2A Tutorial 2: Explainable Artificial Intelligence (XAI)	Session 2B Spatial & Temporal Data Analysis I	Session 2C Graph Analysis & Security I			
15:45-16:10	Coffee Break					
16:10-17:40	Session 3A Tutorial 2: continued	Session 3B Machine Learning I	Session 3C Smart Computing			
18:00-20:00	Reception					
Main Conference Day 2: February 21 (Friday), 2020						
Time	321	322	323	324		
09:00-17:40	Registration at BEXCO					
09:00-10:00	Keynote Speech 2 Mining Unstructured Big Text: A Multi-Dimensional Analysis Approach (Jiawei Han, University of Illinois at Urbana-Champaign)					
10:00-10:30	Coffee Break					
10:30-12:15	Panel TBD					
12:15-14:00	Lunch					
14:00-15:45	Session 4A Tutorial 3: Detecting Communities and Anomalies in Large Real-world Graphs	Session 4B Machine Learning II	Session 4C Data Mining II			
15:45-16:10	Coffee Break					
16:10-17:40	Session 5A Tutorial 3: continued	Session 5B Text & Natural Language I	Session 5C Big Data Applications I			
18:00-21:00	Banquet					
Main Conference Day 3: February 22 (Saturday), 2020						
Time	321	322	323	324		
09:00-17:40	Registration at BEXCO					
09:00-10:00	Keynote Speech 3 Hybrid Deep Learning with Explainable Latent Space for Big Data Analysis (Sung-Bae Cho, Yonsei University)					
10:00-10:30	Coffee Break					
10:30-12:15	Session 6A Text & Natural Language II	Session 6B Spatial & Temporal Data Analysis II	Session 6C Graph Analysis & Security II			
12:15-14:00	Lunch					
14:00-15:45	Session 7A Tutorial 4: Big Data - AI Integration	Session 7B Big Data Applications II	Session 7C Distributed Computing II			
15:45-16:10	Coffee Break					
16:10-17:40	Session 8A Tutorial 4: continued					

Workshops

1. The First International Workshop on Conceptual Modeling for Big Data and Smart Computing (CMComp2020)
2. The Third International Workshop on Computing and Information Technology for Self-Driving and Autonomous Mobility (DrivComp2020)
3. The First Workshop on Blockchain and Smart City Service Platform (Korean Only)
4. The Second International Workshop on Big Data, Cloud, and IoT Technologies for Smart Cities
5. Industrial Security - eGovernance Vision and Strategy
6. Computational Data Science for Healthcare and AI
7. The Third International Workshop on Big Data Analysis for Smart Energy (BigData4SmartEnergy 2020)
8. The Third International Workshop on Dialog Systems (IWDS)
9. The First International Workshop on Social Health in the Era of Big Data (SHEBD 2020)
10. The First Workshop on Multimodal, Expeditive, Generative and Actionable AI (MEGA AI 2020)
11. The First International Workshop on Research Data Analysis and Utilization (RDAU 2020)

Registration

- * Author Registration Deadline: **December 30, 2019**
- * Early Registration Deadline: **January 17, 2020**

Conference Registration Fee

			Author Registration (by December 30, 2019)	Early Registration (by January 17, 2020)	Late Registration
Regular	Conference + Workshops	IEEE or KIISE Member	USD 680	USD 680	USD 780
		Non Member	USD 820	USD 820	USD 940
	Workshops Only	IEEE or KIISE Member	USD 500	USD 500	USD 580
		Non Member	USD 600	USD 600	USD 700
Student	Conference + Workshops	IEEE or KIISE Member	--	USD 350	USD 400
		Non Member	--	USD 420	USD 480
	Workshops Only	IEEE or KIISE Member	--	USD 250	USD 300
		Non Member	--	USD 300	USD 360

* Payment currency can also be in CNY and KRW, and details are in the Online Registration page once you log in.

Registration Guideline

- At least one author of each accepted paper (including the workshop paper) must be registered as Regular registration by **Dec 30, 2019**. Manuscripts received after this date will NOT be published in the proceedings of this conference.
- All accepted papers must be registered as Regular registration. If multiple papers are accepted, each paper SHOULD be registered as Regular registration.
- Conference+Workshops registration includes reception and banquet. Workshops-Only registration does not include reception and banquet.
- For On-site registration participants, please be noticed that we may not be able to guarantee the banquet if there is no space.
- Additional banquet ticket: USD 80

Useful Information

For a detailed program and information, please visit the BigComp2020 web site at <http://www.bigcomputing.org>