

WIMS 2019 PROGRAM

PROGRAM AT A GLANCE

	Wednesday, June 26 th	Thursday, June 27 th
09:00 – 09:30	Registration	Workshop on Internet of Things, Social Network, and Security in Big Data (ISSB 2019)
09:30 – 10:00	Conference Opening	
10:00 – 11:00	Keynote Speaker Prof. Sang-Wook Kim	Keynote Speaker Prof. Feng Xia
11:00 – 11:20	Coffee Break	
11:20 – 12:40	Session 1 Social Network Analytics	Session 4 Scalable Infrastructures
12:40 – 14:00	Lunch	
14:00 – 15:20	Session 2 Web Intelligence	Session 5 Data Architectures and Information Extraction
15:20 – 15:40	Coffee Break	
15:40 – 17:00	Session 3 Recommendation Systems	Session 6 WIMS Technologies and Applications
17:00 – 17:30		Closing

Wednesday, June 26th

Time	Content	Location
09:00 – 09:30	Registration	Room 503 Building 302
09:30 – 10:00	Conference Opening	
10:00 – 11:00	Keynote Speaker Prof. Sang-Wook Kim Talk: Recommendation Systems: Concepts, Techniques, and Applications	
11:00 – 11:20	Coffee Break	
11:20 – 12:40	Session 1 Social Network Analytics	
12:40 – 14:00	Lunch	
14:00 – 15:20	Session 2 Web Intelligence	
15:20 – 15:40	Coffee Break	
15:40 – 17:20	Session 3 Recommendation Systems	

Thursday, June 27th

Time	Content	Location
09:00 – 10:00	Workshop on Internet of Things, Social Network, and Security in Big Data (ISSB 2019)	Room 503 Building 302
10:00 – 11:00	Keynote Speaker Prof. Feng Xia Talk: Scholarly Social Computing	
11:00 – 11:20	Coffee Break	
11:20 – 12:40	Session 4 Scalable Infrastructures	
12:40 – 14:00	Lunch	
14:00 – 15:20	Session 5 Data Architectures and Information Extraction	
15:20 – 15:40	Coffee Break	
15:40 – 17:00	Session 6 WIMS Technologies and Applications	
17:00 – 17:30	Closing	

PROGRAM IN DETAILS

Session 1 – Social Network Analytics

Time: June 26th, 11:20 – 12:40

Chair: Arianit Kurti

Time	Content
11:20 – 11:40	<i>Pei-Hsuan Lu, Pang-Chieh Wang and Chia-Mu Yu.</i> Empirical Evaluation on Synthetic Data Generation with Generative Adversarial Network
11:40 – 12:00	<i>Tai Huynh, Ivan Zelinka, Xuan Hau Pham and Hien D. Nguyen.</i> Some Measures to Detect the Influencer on Social Network Based on Information Propagation
12:00 – 12:20	<i>Michalis Georgiou, Ilias Tachmazidis and Grigoris Antoniou.</i> Hypercat JSON-LD: A Semantically Enriched Catalogue Format for IoT
12:20 – 12:40	<i>Murat Yukselen, Alev Mutlu and Pinar Karagoz.</i> Influencee Oriented Topic Prediction: Investigating the Effect of Influence on the Author

Session 2 – Web Intelligence

Time: June 26th, 14:00 – 15:20

Chair: Jason J. Jung

Time	Content
14:00 – 14:20	<i>Hadi Syah Putra, Rahmad Mahendra and Fariz Darari.</i> BudayaKB: Extraction of Cultural Heritage Entities from Heterogeneous Formats
14:20 – 14:40	<i>Zenun Kastrati, Ali Shariq Imran and Arianit Kurti.</i> Transfer Learning to Timed Text Based Video Classification Using CNN
14:40 – 15:00	<i>Vineet Kumar Sejwal and Muhammad Abulaish.</i> Trust and Context-based Rating Prediction using Collaborative Filtering: A Hybrid Approach
15:00 – 15:20	<i>O-Joun Lee and Jason J. Jung.</i> Character Network Embedding-based Plot Structure Discovery in Narrative Multimedia

Session 3 – Recommendation Systems

Time: June 26th, 15:40 – 17:20

Chair: Pinar Karagoz

Time	Content
15:40 – 16:00	<i>Dimitrios Rafailidis and Yannis Manolopoulos.</i> Can Virtual Assistants Produce Recommendations?
16:00 – 16:20	<i>Atakan Simsek and Pinar Karagoz.</i> Diversification in Wikipedia Enriched Advertisement Recommendation for Microblogs
16:20 – 16:40	<i>Zuoquan Lin and Hanxuan Chen.</i> A Probabilistic Model for Collaborative Filtering
16:40 – 17:00	<i>Ladislav Maleček, Štěpán Balcar and Ladislav Peska.</i> LODBookRec: Linked Open Data for Books Recommendation
17:00 – 17:20	<i>Vineet Kumar Sejwal and Muhammad Abulaish.</i> Context-Based Rating Prediction using Collaborative Filtering and Linked Open Data

Session 4 – Scalable Infrastructures

Time: June 27th, 11:20 – 12:40

Chair: Chun-Wei Tsai

Time	Content
11:20 – 11:40	<i>Zois Koukopoulos, Dimitrios Koukopoulos and Jason J. Jung.</i> Sustainability Services for Public Libraries within a Smart City Environment
11:40 – 12:00	<i>Kwei-guu Liu and Jyi-Shane Liu.</i> Social Event Magnitudes via Background Influences and Engagement Capacities and its Applications
12:00 – 12:20	<i>Yu-Chia Chang, Huan Chen and Chun-Wei Tsai.</i> An Effective Deep Learning Framework for Detecting Misconduct of the Trucker
12:20 – 12:40	<i>Hongsuk Yi, Khac-Hoai Nam Bui and Heejin Jung.</i> Implementing A Deep Learning Framework for Short Term Traffic Flow Prediction

Session 5 – Data Architectures and Information Extraction

Time: June 27th, 14:00 – 15:20

Chair: Jason J. Jung

Time	Content
14:00 – 14:20	<i>Hsin-Te Wu and Jun-Wei Zhan.</i> A Clicks-and-Mortar Information Exchange Mechanism Based on Blockchain Technology
14:20 – 14:40	<i>Anna Primpeli and Christian Bizer.</i> Robust Active Learning of Expressive Linkage Rules
14:40 – 15:00	<i>Jongbeen Han, Heemin Kim, Hyeonsang Eom, Jonathan Coignard, Kesheng Wu and Yongseok Son.</i> Enabling SQL-Query Processing for Ethereum-based Blockchain Systems
15:00 – 15:20	<i>Oliver Lehmborg and Christian Bizer.</i> Synthesizing N-ary Relations from Web Tables

Session 6 – WIMS Technologies and Applications

Time: June 27th, 15:40 – 17:00

Chair: Fariz Darari

Time	Content
15:40 – 16:00	<i>Galuh Tunggadewi Sahid, Rahmad Mahendra and Indra Budi.</i> E-Commerce Merchant Classification using Website Information
16:00 – 16:20	<i>Jose Lorenzo C. Capistrano, Jessie James P. Suarez and Prospero C. Naval, Jr.</i> SALSA: Detection of Cyber trolls using Sentiment, Aggression, Lexical and Syntactic Analysis of Tweets
16:20 – 16:40	<i>Yung-Feng Lu, Jia-Lang Xu and Mu-Yen Chen.</i> Using Text Mining to Analyze the Financial Patents
16:40 – 17:00	<i>Aaron Carl T. Fernandez and Madhavi Devaraj.</i> Computing the Linguistic-Based Cues of Fake News in the Philippines Towards its Detection

Workshop on Internet of Things, Social Network, and Security in Big Data (ISSB 2019)

Time: June 27th, 09:00 – 10:00

Chair: Hoon Ko

Time	Content
09:00 – 09:15	<i>Hammad Ahmed, Jonghyeok Mun, Yoosang Park and Jongsun Choi.</i> A Schema Generator for Collected Data from Wearable Devices for Reliable Data Ingestion
09:15 – 09:30	<i>Jeong Hee Kim, Kitae Bae and Jong Youl Hong.</i> Consumption Value System and Storytelling for Digital Advertising
09:30 – 09:45	<i>Jong Youl Hong, Hoon Ko and Jeong Hee Kim.</i> Cultural Intelligence and ARCS Model for Digital Era
09:45 – 10:00	<i>Junho Choi, Chang Choi, SungHwan Kim and Hoon Ko.</i> Medical Information Protection Frameworks for Smart Healthcare based on IoT