- Field   Mobility network

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Educational Background

Ajou University, Department of Electrical and Computer Engineering (Ph.D.)

Ajou University, Department of Electrical and Computer Engineering (M.S.)

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Major Careers

2021 – present Assistant Professor, Hallym University, School of Software

2021.3 – 2021.8 Research Professor, Korea University, School of Electrical Engineering

2015.3 – 2016.2 Researcher, Korea Testing & Research Institute

Publications

- S. Jung, J. Kim, and J.-H. Kim, "Intelligent Active Queue Management for Stabilized QoS Guarantees in 5G Mobile Networks," IEEE Systems Journal, vol. 15, no. 3, pp. 4293-4302, September 2021
- Y. J. Ha, M. Yoo, G. Lee, S. Jung, J. Kim, and S. Yoo, "Spatio-Temporal Split Learning for Privacy-Preserving Medical Platforms: Case Studies with COVID-19 CT, X-Ray, and Cholesterol Data," IEEE Access, vol. 9, September 2021
- S. Jung, J. Kim, M. Levorato, C. Cordeiro, and J.-H. Kim, "Infrastructure-Assisted On-Driving Experience Sharing for Millimeter-Wave Connected Vehicles," IEEE Transactions on Vehicular Technology, vol. 70, no. 8, pp. 7307-7321, August 2021
- S. Jung, W. J. Yun, M. Shin, J. Kim, and J.-H. Kim, "Orchestrated Scheduling and Multi-Agent Deep Reinforcement Learning for Cloud-Assisted Multi-UAV Charging Systems," IEEE Transactions on Vehicular Technology, vol. 70, no. 6, pp. 5362-5377, June 2021
- D. Kim, S. Park, J. Kim, J. y. Bang, and S. Jung, "Stabilized Adaptive Sampling Control for Reliable Real-Time Learning-based Surveillance Systems," IEEE/KICS Journal of Communications and Networks, vol. 23, no. 2, pp. 128-136, April 2021
- S. Jung, S. H. Lee, and J.-H. Kim, "Reliability Control Framework for Random Access of Massive IoT Devices," IEEE Access, vol. 7, pp. 49928-49937, April 2019

Awards

Best Paper Award, 2021 IEEE International Conference on Information Networking (ICOIN) (01/2021)

ICT Paper Contest Award by Electronics Times, KIISE (Korean Institute of Information Scientists and Engineers) (12/2019)

Bronze Paper Award, IEEE Seoul Section Student Paper Contest (12/2019)

Outstanding Paper Award, KICS (Korean Institute of Communications and Information Sciences) (11/2017)

Young Woman Researcher Award, WISET (Korea Center for Women in Science, Engineering, and Technology), KICS (Korean Institute of Communications and Information Sciences) (11/2015)

Korea Regional Conference Paper Award, KICS (Korean Institute of Communications and Information Sciences) (06/2015)