



•Field Communication Theory, V2X,
Positioning

•Name Shin, Cheolkyu

•Title Associate Professor

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I Educational background

Ph.D.: KAIST (2009.2~2013.8)

M.S.: KAIST (2007.2~2009.2)

B.S.: Inha University (2000.3-2007.2)

I Major careers

2024.3~current Associate Professor, Hallym University

2013.9~2024.2 Staff Engineer, Samsung Research (3GPP 4G/5G Communication System Standardization)

Journals (Selected)

C. Shin, E. Farag, H. Ryu, M. Zhou, and Y. Kim, "Vehicle-to-Everything (V2X) Evolution From 4G to 5G in 3GPP: Focusing on Resource Allocation Aspects," IEEE Access , vol. 11, Feb. 2023.

C. Shin and S. Park, "Correlated Downlink-to-Uplink Interference Suppression for Full-Duplex C-RAN Systems," IEEE Trans. Vehicular Technology , vol. 68, no. 3, Mar. 2019.

C. Shin, H. Park, and H. M. Kwon, "PHY-Supported Frame Aggregation for Wireless Local Area Networks," IEEE Trans. Mobile Comput. , vol. 13, no. 10, Oct. 2014.

C. Shin, H. Kim, K. J. Kim, and H. Park, "High-Throughput Low-Complexity Link Adaptation for MIMO BIC-OFDM Systems," IEEE Trans. Commun. , vol. 59, no. 4, Apr. 2011.

Patents (Selected)

Method and apparatus for transmitting interference information for network assisted interference cancellation and suppression in wireless communication system, **C. Shin**, H Lee, Y.J. Kwak, Y.S. Kim, Y.B. Kim, J. Lee, and H. Ji, US9860103

Method and apparatus for configuring demodulation reference signal position in wireless cellular communication system, **C. Shin**, T. Kim, J. Oh, Y.W. Kwak, S. Choi, EP3952198

DMRS port grouping method and apparatus for use in wireless cellular communication system, **C. Shin**, Y.W. Kwak, H. Noh, T. Bae, J. Yeo, Y. Oh, EP3639462

Resource selection method and apparatus for sidelink transmission, **C. Shin**, J. Yeo, T. Kim, J. Oh, H. Ryu, J. Bang, US11737055