

Prof. Dr. Junghee Lee

School of Cybersecurity, Korea University

Email: j_lee@korea.ac.kr

Junghee Lee is a Professor in the School of Cybersecurity at Korea University, where he conducts research and teaching in computer architecture and systems security. His work focuses on secure processor design, hardware-assisted security mechanisms, blockchain technologies, and personal data protection. He is particularly interested in building trustworthy computing systems through the integration of hardware and software security techniques.



Dr. Lee received his Ph.D. in Electrical and Computer Engineering from the Georgia Institute of Technology in 2013, where his dissertation explored many-core architectures for programmable hardware accelerators. He also holds both M.S. and B.S. degrees in Computer Engineering from Seoul National University. Prior to joining academia, he gained extensive industry experience as an Engineer at Samsung Electronics, where he contributed to embedded systems, SoC design, and communication protocols.

Before joining Korea University, Dr. Lee served as an Assistant Professor at the University of Texas at San Antonio from 2014 to 2019. Since joining Korea University in 2019, he has played a key role in advancing cybersecurity education and research, and currently serves in leadership roles within the Graduate School of Information Security.

Dr. Lee has authored a large body of scholarly work in leading journals and conferences, including IEEE Transactions and ACM publications, covering topics such as hardware Trojan detection, secure storage systems, blockchain security, and IoT protection. His research has been supported by numerous government and industry grants, and he has collaborated with organizations across academia, industry, and national research institutes.

In addition to his research, Dr. Lee is deeply committed to education and mentorship. He has taught a wide range of undergraduate and graduate courses in computer architecture, logic design, and cybersecurity, and has supervised many Ph.D. and M.S. students. He is the recipient of multiple teaching awards at Korea University in recognition of his excellence in education.

Dr. Lee actively contributes to the research community through editorial roles, conference organization, and technical program committees. He has served as a chair and committee member for several international conferences and is a reviewer for major journals in computer architecture and security.

He has served as a committee member for the International Academy, Research, and Industry Association (IARIA). He has been on the steering committee of the International Conference on Advances in Circuits, Electronics, and Micro-electronics (CENICS) since 2021. He has also served on the program committees of Advances on Societal Digital Transformation (DIGITAL) since 2024 and the International Conference on Digital Society (ICDS) from 2023 to 2025. He published a paper at ICDS in 2023.