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Education background

Ph.D. in Information Security, School of Cybersecurity, Korea University (2010.03.-2021.02.)

B.S. in Mathematics, Korea University (2005.03.-2010.02.)

Major careers

Research Professor, School of Cybersecurity, Korea University (2021.03.-2023.-08.)

Publications

Hyoseung Kim, Olivier Sanders, Michel Abdalla, and Jong Hwan Park: Practical dynamic group signatures without knowledge extractors. *Des. Codes Cryptogr.* 91(3): 853-893 (2023)

Sangsoo Seol, Hyoseung Kim, and Jong Hwan Park: An Efficient Open Vote Network for Multiple Candidates. *IEEE Access* 10: 124291-124304 (2022)

Kwangsu Lee and Hyoseung Kim: Two-Round Multi-Signatures from Okamoto Signatures. *Mathematics*, 11(14): 3223 (2022)

Hyoseung Kim, Kwangsu Lee, Jong Hwan Park and Dong Hoon Lee: Improving the security of direct anonymous attestation under host corruptions. *Int. J. Inf. Sec.* 20(4): 475-492 (2021)

Hyoseung Kim, Youngkyung Lee, Michel Abdalla and Jong Hwan Park: Practical dynamic group signature with efficient concurrent joins and batch verifications. *J. Inf. Secur. Appl.* 63: 103003 (2021)

Seungho Lee, Hyo Jin Jo, Wonsuk Choi, Hyoseung Kim, Jong Hwan Park and Dong Hoon Lee: Fine-Grained Access Control-Enabled Logging Method on ARM TrustZone. *IEEE Access* 8: 81348-81364 (2020)

Wonsuk Choi, Youngkyung Lee, Duhyeong Lee, Hyoseung Kim, Jin Hyung Park, In Seok Kim and Dong Hoon Lee: Less Communication: Energy-Efficient Key Exchange for Securing Implantable Medical Devices. *Secur. Commun. Networks* 2018: 1809302:1-1809302:16 (2018)

Chanying Huang, Hwaseong Lee, Hyoseung Kim and Dong Hoon Lee: mvSERS: A Secure Emergency Response Solution for Mobile Healthcare in Vehicular Environments. *Comput. J.* 58(10): 2461-2475 (2015)