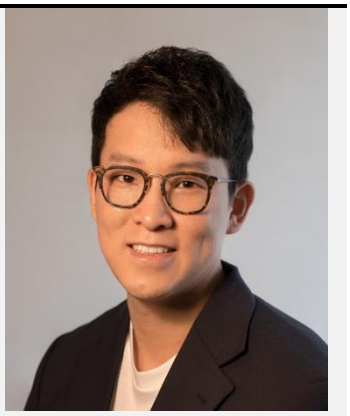

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Dr. Sanghoon Chae is a Nanyang Assistant Professor at the School of Electrical and Electronic Engineering and the School of Materials Science and Engineering at Nanyang Technological University (NTU), Singapore. He is Deputy Director of Nanyang NanoFabrication Centre (N2FC). He earned his B.S. in 2010 and Ph.D. in 2014 from Sungkyunkwan University (SKKU) in Korea. Following his doctorate, he pursued postdoctoral research at Columbia University from 2016 to 2021. Dr. Chae's research primarily focuses on understanding novel optoelectronic phenomena in atomically thin 2D materials systems, exploring their application as a new class of optoelectronic devices, and integrating their optical functions into integrated photonics for novel information processing.