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Jae Hwan Chu is a combined Ms/Ph.D. program student in the School of Mechanical and Advanced Materials Engineering at Ulsan National Institute of Science and Technology (UNIST), Ulsan, Korea from March 2010. He was born in Jeonju, Korea in 1985. He received his B.S. degree in Materials Science and Engineering from Chonbuk National University in 2010.

He has been engaged in the research fields concerning epitaxial growth and characterization of thin films, synthesis and device fabrication of low-dimensional carbon materials such as graphene and carbon nanotube, correlation between graphene lattice defects and device performances. His latest interest is facile synthesis and characterization of graphene and graphene oxide films using solid carbon sources. His latest research work introduced a new field of graphene synthesis and developed a novel method for making transfer-free graphene films on desired substrates at close to room-temperature. His work has been published in high-impact journals such as *Nature Communications, ACS Applied Materials & Interfaces* and *Nanotechnology*.