

Chang Hwan Kim earned his B.ChE. from Yonsei University in Korea, and M.S.E. degrees in Chemical Engineering and Material Science Engineering, and a Ph.D. in Chemical Engineering from the University of Michigan in 2005.

He currently serves as a Vice President of Hyundai Motor Group in charge of activities on Energy & Environmental Chemical Systems research. Prior to joining Hyundai, he started his industry career at General Motors Global R&D in USA leading advanced automotive catalysis development. His current responsibility includes next generation Li-metal battery for electrification and renewable energy harvesting such as solar cell, catalysts for H₂ production as well as utilization via highly efficient electrochemical cells. Before joining the auto industry, he had expertise in H₂ and fuel cell area as a Research Scientist in the Hydrogen Energy Technology Lab at the University of Michigan. He has authored over 100 journal publications and U.S. patents combined for automotive applications. Dr. Kim is recipient of awards including United States Council for Automotive Research Special Recognition Award and Korea Ministry of Trade, Industry and Energy Annual Award for Recognition in Automotive Industry. He is currently the editorial board member of the ECST journal by Springer.