

KISM 2025 BUSAN

Re:Innovation of Semiconductor Manufacturing for AI Ecosystem



WF Bonding, C&C Process, R&D, SK hynix Inc. Republic of Korea.



03/2024 – Present	Technical Leader (TL), WF Bonding, C&C Process, R&D, SK hynix Inc.
01/2020 - 02/2024	Metrology&Inspection, R&D, SK hynix Inc.
01/2018 - 12/2019	Future Memory Research Team, R&D, SK hynix Inc.
09/2016 - 01/2018	Post-doctoral Associate, Center for Correlated Electron Systems, IBS.
	Department of Physics and Astronomy, Seoul National University.
09/2014 - 08/2016	Post-doctoral Associate, Clean Energy Research Center, Korea Institute of
	Science & Technology (KIST).
09/2008 - 08/2014	Ph. D, Department of Physics, Ewha Womans University.
	Dissertation: "Transport and Local Surface Potential Characterization of
	Metal Oxides: Understanding Ambient Dependence and Photoresponse".
03/2005 - 08/2008	B.S., Department of Physics, Ewha Womans University.