

# ICMAP 2018

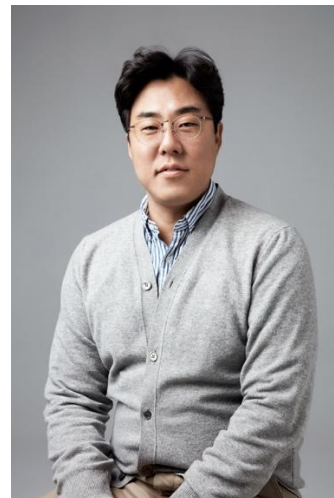
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## Prof. Han-Bo-Ram Lee

Incheon National University, Korea



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**Professor Han-Bo-Ram Lee** hold his Ph.D degree from Department of Materials Science and Engineering at POSTECH in Korea in 2009, and had been a postdoctoral scholar in Department of Chemical Engineering at Stanford University from 2010 to 2013. He joined Department of Materials Science and Engineering in Incheon National University as an Assistant Professor in 2013, and promoted to Associate Professor in 2017. In 2018, he started an appointment of Associate Editor in Chemistry of Materials (IF: 9.45) published from American Chemical Society (ACS).

Prof. Han-Bo-Ram Lee's current research interests and topics are focused on understanding and controlling surface chemistry and reactions, and applying this knowledge to various applications of which properties could be improved by functionalization of surface from nanoscopic to macroscopic ranges. Atomic-level theoretical calculations using density functional theory (DFT) and system modeling are employed, and experimental controls and functionalization of surface properties are realized by dry and wet methods, including atomic layer deposition (ALD) and sol-gel method.