

Session Code	[05] WeE1
Session Title	Chemistry and Biochemistry of Graphene and 2D Materials
Date and Time	Wednesday, October 6, 2021 / 10:00-11:10
Session Room	Room E (303)
Session Chair(s)	Jieun Lee (Seoul Nat'l Univ., Korea) Won June Kim (Changwon Nat'l Univ., Korea)

[[05] WeE1-1] Invited Talk 10:00-10:25

Tunable Wettability of Graphene through Non-Destructive Hydrogenation and Wettability-Based Patterning for Bio-Applications

Jongill Hong, Jangyup Son, and Jongin Cha (*Yonsei Univ., Korea*)

[[05] WeE1-2] 10:25-10:40

Voltage Diversion Technique in Electrochemical Exfoliation for Preparing Roots-Shaped Graphene Sheets

Sungmook Lim and Wonoh Lee (*Chonnam Nat'l Univ., Korea*)

[[05] WeE1-3] 10:40-10:55

Synthesis of Graphene Oxide by Atmospheric Plasma with Tailored Surface Wettability for Stent and Dental Applications

Khurshed Alam, Khalid Usman, Geonwoo Jeong, Doori Kang, and Hoonsung Cho (*Chonnam Nat'l Univ., Korea*)

[[05] WeE1-4] 10:55-11:10

2D Layered Catalysts by Coherent Heteroepitaxial Stacking for Sustainable Hydrogen Evolution Reaction

Soon-Yong Kwon, Yeoseon Sim, Aram Yoon (*UNIST, Korea*), Hee Seong Kang (*Korea Univ., Korea*), Jinsung Kwak (*Changwon Nat'l Univ., Korea*), Se-Yang Kim, Yongsu Jo, Daeseong Choe (*UNIST, Korea*), Woong Ki Na (*Sogang Univ., Korea*), Min Hee Lee (*UNIST, Korea*), Soon-Dong Park (*KIMS, Korea*), Seunguk Song (*UNIST, Korea*), Daeyong Kim (*KIMS, Korea*), Jung-Woo Yoo, Sung Youb Kim (*UNIST, Korea*), Hyeonsik Cheong (*Sogang Univ., Korea*), Jae Sung Lee, Chul-Ho Lee, and Zonghoon Lee (*UNIST, Korea*)