

Session Code	[05] MoE1
Session Title	Advanced Carbon Materials(Graphene and Carbon Materials) 1
Date and Time	Monday, October 4, 2021 / 10:30-12:10
Session Room	Room E (303)
Session Chair(s)	Soon-Yong Kwon (UNIST, Korea)

[[05] MoE1-1] Keynote Talk **[Online] 10:30-11:00**

Carbon Nanocages: A New Platform for Advanced Energy Conversion and Storage
Zheng Hu (*Nanjing Univ., China*)

[[05] MoE1-2] Invited Talk **11:00-11:25**

High Transparency, Flexibility, Stretchability of Transfer-Free Graphene Electrodes Grown at 100 °C for Display Application
Soon-Gil Yoon (*Chungnam Nat'l Univ., Korea*)

[[05] MoE1-3] **11:25-11:40**

Three-Dimensional Graphene Based Metal Composites for Isotropic Heat Transfer
Hyesu Ryu, Hokyun Rho (*Chonnam Nat'l Univ., Korea*), Seogwoo Lee (*The Goodsystem Corp., Korea*), Seung-Ki Lee (*Pusan Nat'l Univ., Korea*), and Sang Hyun Lee (*Chonnam Nat'l Univ., Korea*)

[[05] MoE1-4] **11:40-11:55**

Investigation and Characterization of Various Coating Methods of Graphene Oxide on the Surface of Polystyrene
Jeong Ok Lim (*Kyungpook Nat'l Univ. Hospital, Korea*), Jeung Soo Huh (*Kyungpook Nat'l Univ., Korea*), Kyung Suk Kim, Chang Jae Shim (*Corestem Inc., Korea*), Danbi Park, Jaebum Park, and Jihoon Lee (*Kyungpook Nat'l Univ., Korea*)

[[05] MoE1-5] **11:55-12:10**

Synthesis of Halogenated MXenes by Vapor Etching of MAX
Mark Anayee, Eilara Fajardo, Ruocun Wang, Christopher Shuck, Robert Lord, and Yury Gogotsi (*Drexel Univ., USA*)