

Joint International Conference on The 8th ICMAP & The 9th ISFM

January 17-20, 2021 | Online Conference

[WC3] Plasmas for Nanomaterial Synthesis	
Date / Time	January 20 (Wed.), 2021 / 13:20-15:00
Place	Channel C
Session Chair(s)	Oi Lun Li (Pusan Nat'l Univ., Korea) Goo Hwan Jeong (Kangwon Nat'l Univ., Korea)

[WC3-1] Invited

13:20-13:50

Plasma-Assisted Nanomaterials for Photoelectrochemical and Electrocatalytic Water Splitting Applications: Ab Initio Study

Heechae Choi

Univ. of Cologne, Germany

[WC3-2]

13:50-14:10

Investigation of Distributed Dust from Tungsten during Transient High Heat Flux

Ki-Baek Roh¹, Myeong-Geon Lee¹, Hyung Chan Kim², and Gon-Ho Kim¹

¹Seoul Nat'l Univ., Korea, ²KFE, Korea

[WC3-3] Invited

14:10-14:40

Low-temperature Synthesis of Monolayer Graphene Using a Microwave-Excited Blowing Plasma

Jaeho Kim, Hirotomo Itagaki, and Hajime Sakakita

AIST, Japan

[WC3-4]

14:40-15:00

Hollow Porous Gold Nanoshells with Structural Tunability Synthesized by Plasma Etching of Colloid Templates

Joon Heon Kim

GIST, Korea