

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

January 17-20, 2021 | Online Conference

[TA2] Nanoparticle Applications	
Date / Time	January 19 (Tue.), 2021 / 12:50-14:20
Place	Channel A
Session Chair(s)	Young-Jun Lee (Inha Univ., Korea)

[TA2-1] Invited

12:50-13:20

Fog Collection Using Secondary Electrohydrodynamic-Induced Hybrid Structures

Dae Joon Kang

Sungkyunkwan Univ., Korea

[TA2-2]

13:20-13:40

Expeditious Crystallization of Room Temperature PLD Grown $\text{Hf}_{0.5}\text{Zr}_{0.5}\text{O}_2$ for Sub-60 mV/dec 2DNCFET

Hae Won Cho, Pujar Pavan, and Sun Kook Kim

Sungkyunkwan Univ., Korea

[TA2-3]

13:40-14:00

Tuning Structure and Electronic Properties of $\text{MoS}_{2-x}\text{Se}_x$ Nanolayer for Improved NO Detection at Room Temperature

Ardiansyah Taufik, Takuya Hasegawa, Yusuke Asakura, and Shu Yin

Tohoku Univ., Japan

[TA2-4]

14:00-14:20

Statistical Study on the Morphological Characteristics of Nanoparticles Using Machine Learning-Based Mass-Throughput Electron Microscopy Image Analysis

Yunchul Kim, Byoungsang Lee, Seokyoung Yoon, Jin Woong Lee, Junhyuck Chang, Jaesub Yun, Jong-Seok Lee, and Jung Heon Lee

Sungkyunkwan Univ., Korea