

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

January 17-20, 2021 | Online Conference

[WA4] Energy Harvesting, Storage and Conversion II	
Date / Time	January 20 (Wed.), 2021 / 15:20-17:00
Place	Channel A
Session Chair(s)	Dong Gun Lim (Korea Nat'l Univ. of Transportation, Korea)

[WA4-1] Invited

15:20-15:50

Non-Precious Metal-Based Electrocatalysts for High-Efficiency Anion Exchange Membrane Water Electrolyzer

Jooyoung Lee and Sung Mook Choi

KIMS, Korea

[WA4-2] Invited

15:50-16:20

Infrared Thermography and Surface Acoustic Wave Sensor for Energy System and Toxic Gas Monitoring

Joo-Hyung Kim¹, Jun-Su Lee¹, Gangmin Lim², Jusik Kim³, Jinuk Kim¹, and Hyewon Park¹

¹Inha Univ., Korea, ²ATG, Korea, ³Korea Hydro and Nuclear Power Co., Korea

[WA4-3]

16:20-16:40

Growing Hexagonal Boron Nitride Films on Various Substrate Materials Using RF Sputtering

Duc-Quang Hoang¹, Khang Dinh Pham², Minh Hoat Do³, and Vinh-Ai Dao³

¹Ton Duc Thang Univ., Vietnam, ²Military Inst. of Mechanical Engineering, Vietnam, ³Duy Tan Univ., Vietnam

[WA4-4]

16:40-17:00

Low Temperature Fabrication of SiN_x Films Using Multi Hollow Discharge SiH₄+N₂ Plasma

Yusuke Sasaki

Kyushu Univ., Japan