

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

January 17-20, 2021 | Online Conference

[MA2] Vacuum Deposition Technology for Inorganic Materials and Devices	
Date / Time	January 18 (Mon.), 2021 / 14:10-15:50
Place	Channel A
Session Chair(s)	Young-Jun Lee (Inha Univ., Korea) Kyung Geun Lim (KRISS, Korea)

[MA2-1] Invited

14:10-14:40

High Temperature Hydrogen Gas Sensing Property of Morphology Controllable Nitrides

Shu Yin, Angga Hermawan, Takuya Hasegawa, and Yusuke Asakura

Tohoku Univ., Japan

[MA2-2] Invited

14:40-15:10

Multiscale Crystallization of Functional Materials

Dongfeng Xue

Chinese Academy of Sciences, China

[MA2-3]

15:10-15:30

Sputter Deposition of Low Resistive Amorphous $\text{In}_2\text{O}_3:\text{Sn}$ Films Using Nitrogen Mediate Amorphization Method: Effects of Nitrogen Flow Rate

Yuta Mido, Seiichi Urakawa, Daisuke Yamashita, Takamasa Okumura, Kunihiro Kamataki, Kazunori Koga, Masaharu Shiratani, and Naho Itagak

Kyushu Univ., Japan

[MA2-4]

15:30-15:50

Structural and Optical Properties of ZnMgO Films on Sapphire Substrates Fabricated by Sputter Epitaxy

Daichi Takahashi, Yuta Nakamura, Seiichi Urakawa, Daisuke Yamashita, Takamasa Okumura, Kunihiro Kamataki, Kazunori Koga, Masaharu Shiratani, and Naho Itagaki

Kyushu Univ., Japan