

20th Anniversary of KSDT
KISM 2022
Korean International Semiconductor Conference on Manufacturing Technology 2022
November 13-16, 2022 | Paradise Hotel Busan (Haeundae Beach), Busan, Korea

Session Title:	[WE2] Semiconductor Devices and Materials
Session Date:	November 16 (Wed.), 2022
Session Time:	13:30-15:10
Session Room:	Room E (Grand Ballroom 3, 2F)
Session Chair:	Prof. Jinsub Park (Hanyang Univ., Korea)

[WE2-1] [Invited] **13:30-14:00**

Magnetic Skyrmion Device

Soong-Geun Je (Chonnam Nat'l Univ., Korea)

[WE2-2] [Invited] **14:00-14:30**

Coupled Spin-Charge Transport in Noncentrosymmetric Systems

Jung-Woo Yoo (UNIST, Korea)

[WE2-3] **14:30-14:50**

Magnetic Skyrmions: From Fundamentals to Applications in Emerging Logic Devices

Dae-Han Jung, Hee-Sung Han, Gang-Hwi Kim, Su-Yeong Jeong, Myeong-Hwan Kang (UNIST, Korea), Mi-Young Im (Lawrence Berkeley Nat'l Lab., USA), and Ki Suk Lee (UNIST, Korea)

[WE2-4] **14:50-15:10**

Correlation Between Unidirectional Spin Hall and Magnon Magnetoresistances

Sanghoon Kim (Univ. of Ulsan, Korea)