



# IUMRS-ICEM 2018

AUGUST 19(SUN.) - 24(FRI.), 2018 / DAEJEON, KOREA

<b>Session Title</b>	<b>Ferro/Piezo I</b>	<b>Session Code</b>	<b>Mo-G1</b>
<b>Date and Time</b>	<b>2018-08-20 / 10:30 - 12:30</b>		
<b>Place</b>	<b>Room G</b>		
<b>Session Chair</b>	<b>TBA</b>		

**Mo-G1-1**

**10:30 - 11:00**

**[Invited] Strain Synthesis of Multiferroics: A Novel Way of using Strain**

Honyung Lee  
ORNL, USA

**Mo-G1-2**

**11:00 - 11:30**

**[Invited] Large Area Control of Ferroic Functionalities in Epitaxial Oxide Thin Films**

Yogesh Sharma, A. T. Wong, A. Herklotz, N. Balke, H. N. Lee, P. D. Rack, and T. Z. Ward  
ORNL, USA

**Mo-G1-3**

**11:30 - 12:00**

**[Invited] Simulating Ferroic Functionalities with Finite Elements: Five Years of Adventures Developing the Ferret Code**

Serge Nakhmanson  
Univ. of Connecticut, USA

**Mo-G1-4**

**12:00 - 12:15**

**Multiferroic Magnetoelectric Coupling Effect with Optimized Adhesion Layer**

Geon Tae Hwang<sup>1</sup>, Palneedi Haribabu<sup>1</sup>, Peddigari Mahesh<sup>1</sup>, Byung-Dong Hahn<sup>1</sup>, Jong-Jin Choi<sup>1</sup>, Cheol-Woo Ahn<sup>1</sup>, Jong-Woo Kim<sup>1</sup>, Yuho Min<sup>1</sup>, Youngson Choe<sup>2</sup>, and Jungho Ryu<sup>3</sup>  
<sup>1</sup>KIMS, Korea, <sup>2</sup>Pusan Nat'l Univ., Korea, <sup>3</sup>Yeungnam Univ., Korea

**Mo-G1-5**

**12:15 - 12:30**

**Investigation of BiFeO<sub>3</sub>/CoFe<sub>2</sub>O<sub>4</sub> Bilayered Multiferroic Nano-Hollow Spheres**

Maheebub Alam and Kalyan Mandal  
S. N. Bose Nat'l Centre for Basic Sci., India