



# IUMRS-ICEM 2018

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

<b>Session Title</b>	<b>Piezo-electronic and Sensor Materials</b>	<b>Session Code</b>	<b>Th-C1</b>
<b>Date and Time</b>	<b>2018-08-23 / 10:30 - 12:30</b>		
<b>Place</b>	<b>Room C</b>		
<b>Session Chair</b>	<b>TBA</b>		

**Th-C1-1**

**10:30 - 11:00**

**[Invited] Fiber and Fabric-based Piezoelectric P(VDF-TrFE) Energy Harvesters**

Seungbum Hong, Jeongjae Ryu, and Jaegyung Kim  
KAIST, Korea

**Th-C1-2**

**11:00 - 11:30**

**[Invited] Design of Visco-Poroelastic Ion Pump for Multimodal Sensor Skins**

Do Hwan Kim  
Hanyang Univ., Korea

**Th-C1-3**

**11:30 - 12:00**

**[Invited] Soft Micro/Nano-Composite Materials for Physical Sensing**

Inkyu Park  
KAIST, Korea

**Th-C1-4**

**12:00 - 12:15**

**Hydrogen Sensor using Graphene Decorated Pd/Ag Alloy**

Bharat Sharma and Jung Sik Kim  
Univ. of Seoul, Korea

**Th-C1-5**

**12:15 - 12:30**

**Piezoresistive Three-Axis Force Sensor for Medical Applications**

Bogyu Bok<sup>1,2</sup>, Minhoon Park<sup>1,2</sup>, Jong-Hyun Ahn<sup>2</sup>, and Min-seok Kim<sup>1</sup>  
<sup>1</sup>KRISS, Korea, <sup>2</sup>Yonsei Univ., Korea