



# IUMRS-ICEM 2018

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

<b>Session Title</b>	<b>Big Ideas in Novel Sensors I</b>	<b>Session Code</b>	<b>Mo-A1</b>
<b>Date and Time</b>	<b>2018-08-20 / 10:30 - 12:30</b>		
<b>Place</b>	<b>Room A</b>		
<b>Session Chair</b>	<b>TBA</b>		

**Mo-A1-1**

**10:30 - 11:00**

**[Invited] Stretchable Tactile Sensors and Flexible Sound Detecting Devices for Wearable and Implantable Electronic Applications**

Steve Park  
KAIST, Korea

**Mo-A1-2**

**11:00 - 11:30**

**[Invited] Thermoelectric Array Sensors for Breath Gas Monitoring**

Woosuck Shin<sup>1,2</sup>, Toshio Itoh<sup>1</sup>, Akihiro Tsuruta<sup>1</sup>, and Takafumi Akamatsu<sup>1</sup>  
<sup>1</sup>AIST, Japan, <sup>2</sup>Nagoya Inst. of Tech., Japan

**Mo-A1-3**

**11:30 - 12:00**

**[Invited] Sensitization by Surface n-p Heterojunction of SMOX Gas Sensors**

Nicolae Barsan and Udo Weimar  
Univ. of Tuebingen, Germany

**Mo-A1-4**

**12:00 - 12:30**

**[Invited] Molecular Sensing SERS Substrates for Practical Applications**

Dong-Ho Kim  
KIMS, Korea