



# IUMRS-ICEM 2018

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

<b>Session Title</b>	<b>Wearable Sensors II</b>	<b>Session Code</b>	<b>Tu-F1</b>
<b>Date and Time</b>	<b>2018-08-21 / 10:30 - 12:30</b>		
<b>Place</b>	<b>Room F</b>		
<b>Session Chair</b>	<b>TBA</b>		

Tu-F1-1

10:30 - 11:00

**[Invited] Ultrafast, Low power, Flexible Temperature Sensors with Ultra Precision Sensitivity for Healthcare Applications**

Dipak Kumar Goswami  
Indian Inst. of Tech., India

Tu-F1-2

18:00 - 18:30

**[Invited] Smart Contact Lens for Ocular Diabetic Theranosis**

Sei Kwang Hahn  
POSTECH, Korea

Tu-F1-3

11:00 - 11:30

**[Invited] Ultra-Sensitive, Flexible Strain-Gauge Sensor Inspired by Spider's Sensory Organ**

Tae-il Kim  
Sungkyunkwan Univ., Korea

Tu-F1-4

11:30 - 11:45

**Knittable  $Ti_3C_2Tx$  MXene Cotton Yarns for Energy Storage Applications**

Simge Uzun, Ariana Levitt, Mohamed Alhabeb, Genevieve Dion, and Yury Gogotsi  
Drexel Univ., USA

Tu-F1-5

11:45 - 12:00

**Conductive Fiber-based Multi-Modal Mechanical Sensor for Wearable Electronics**

Kukro Yoon<sup>1</sup>, Seung Hoon Choi<sup>2</sup>, Jaehong Lee<sup>1</sup>, Sera Shin<sup>1</sup>, Changhyun Pang<sup>2</sup>, and Taeyoon Lee<sup>1</sup>  
<sup>1</sup>Yonsei Univ., Korea, <sup>2</sup>Sungkyunkwan Univ., Korea