



# IUMRS-ICEM 2018

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

<b>Session Title</b>	<b>Thin Film SOFC</b>	<b>Session Code</b>	<b>Tu-J2</b>
<b>Date and Time</b>	<b>2018-08-21 / 13:30 - 15:30</b>		
<b>Place</b>	<b>Room J</b>		
<b>Session Chair</b>	<b>TBA</b>		

Tu-J2-1

13:30 - 14:00

### **[Invited] Thin Film Technology for High Performance Low-Temperature Solid Oxide Fuel Cells**

Jihwan An, Seongkook Oh, Hyong June Kim, Jeong Woo Shin, Byung Chan Yang, and Dohyun Go  
Seoul Nat'l Univ. of Sci. and Tech., Korea

Tu-J2-2

14:00 - 14:30

### **[Invited] Thin Film Electrode for Intermediate-Temperature Solid Oxide Fuel Cell**

Young-Wan Ju  
Wonkwang Univ., Korea

Tu-J2-3

14:30 - 14:45

### **Study on Various Cathode Materials for Low-Temperature Solid Oxide Fuel Cells using Pulsed Laser Deposition**

Donghwan Kim<sup>1,2</sup>, Jung Hoon Park<sup>2</sup>, Joon Hyung Shim<sup>1</sup>, and Ji-Won Son<sup>2,3</sup>  
<sup>1</sup>Korea Univ., Korea, <sup>2</sup>KIST, Korea, <sup>3</sup>Korea Univ. of Sci. and Tech., Korea

Tu-J2-4

14:45 - 15:15

### **[Invited] Double Columnar Dense Cathode for Intermediate Temperature Solid Oxide Fuel Cells**

Byeong Su Kang and Tatsumi Ishihara  
Kyushu Univ., Japan

Tu-J2-5

15:15 - 15:30

### **Evaluation of Physical and Electrochemical Properties of Low-Temperature SOFC Anode with Improved redox Cycle Stability**

Jung Hoon Park<sup>1,2</sup>, Mansoo Park<sup>1</sup>, Ho-Il Ji<sup>1</sup>, Hyoungchul Kim<sup>1</sup>, Kyung Joong Yoon<sup>1</sup>, Jong-Ho Lee<sup>1,3</sup>,  
Seung Min Han<sup>2</sup>, and Ji-Won Son<sup>1,3</sup>  
<sup>1</sup>KIST, Korea, <sup>2</sup>KAIST, Korea, <sup>3</sup>Korea Univ. of Sci. and Tech., Korea