



# IUMRS-ICEM 2018

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

<b>Session Title</b>	<b>Emerging Advanced Materials IV</b>	<b>Session Code</b>	<b>Th-B1</b>
<b>Date and Time</b>	<b>2018-08-23 / 10:30 - 12:30</b>		
<b>Place</b>	<b>Room B</b>		
<b>Session Chair</b>	<b>TBA</b>		

Th-B1-1

10:30 - 11:00

**[Invited] Electronic Functionality of Superconducting Mixed Anion Layered Compounds (MALCs)**

Yoichi KAMIHARA<sup>1</sup>, Yujiro TOJO<sup>1</sup>, Suguru IWASAKI<sup>1</sup>, Ryosuke SAKAGAMI<sup>1</sup>, Michitaro YAMAGUCHI<sup>1</sup>, Shigeto HIRAI<sup>2</sup>, and Manami NAKANISHI<sup>1</sup>

<sup>1</sup>Keio Univ., Japan, <sup>2</sup>Kitami Inst. of Tech., Japan

Th-B1-2

11:00 - 11:30

**[Invited] Ferroelectric Response and Switching Behaviour of NaNO<sub>2</sub> -PVA Composite Films Fabricated at Moderate Elevated Temperature**

Lakhbir Singh<sup>1,2</sup>, Tarun Garg<sup>3</sup>, Baljinder kaur<sup>1,2</sup>, Navneet Dabra<sup>4</sup>, and Jasbir Singh Hundal<sup>1</sup>

<sup>1</sup>MRS Punjab Tech. Univ., India, <sup>2</sup>IKG Punjab Tech. Univ., India, <sup>3</sup>Punjabi Univ., India, <sup>4</sup>Mata Sahib Kaur Girls College, India

Th-B1-3

11:30 - 11:45

**Enhance Piezoelectric Properties by Growing of 0.8(Na<sub>0.5</sub>Bi<sub>0.5</sub>)TiO<sub>3</sub>-0.2Sr<sub>0.7</sub>Ca<sub>0.3</sub>TiO<sub>3</sub> Single Crystal by Solid State Crystal Technique**

Phan Gia Le<sup>1</sup>, Jong Sook Lee<sup>1</sup>, John Gerard Fisher<sup>1</sup>, Hwang-Pil Kim<sup>2</sup>, and Wook Jo<sup>2</sup>

<sup>1</sup>Chonnam Nat'l Univ., Korea, <sup>2</sup>UNIST, Korea

Th-B1-4

11:45 - 12:00

**Transmission Characteristics for LCP Substrates with Various Seed Layers in High Frequency Bands**

Tomoyuki Ishii<sup>1,2</sup>, Mitsuhiro Watanabe<sup>1</sup>, Joo-Hyong Noh<sup>1</sup>, Hideo Honma<sup>1</sup>, and Osamu Takai<sup>1</sup>

<sup>1</sup>Kanto Gakuin Univ., Japan, <sup>2</sup>Toppan Printing Co., Ltd., Japan