



# IUMRS-ICEM 2018

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

<b>Session Title</b>	<b>Optical Materials and Devices II</b>	<b>Session Code</b>	<b>Mo-C2</b>
<b>Date and Time</b>	<b>2018-08-20 / 13:30 - 15:30</b>		
<b>Place</b>	<b>Room C</b>		
<b>Session Chair</b>	<b>TBA</b>		

**Mo-C2-1**

**13:30 - 14:00**

### **[Invited] Quantum Dot/Nanocrystal-Doped Glass Fiber with Near/Mid-Infrared Emission**

Guoping Dong<sup>1</sup>, Shiliang Kang<sup>1</sup>, Xiongjian Huang<sup>1</sup>, and Jianrong Qiu<sup>2</sup>  
<sup>1</sup>South China Univ. of Tech., China, <sup>2</sup>Zhejiang Univ., China

**Mo-C2-2**

**14:00 - 14:30**

### **[Invited] Relationships between Structures and Physical Properties of Oxide Glasses**

Hirokazu Masai<sup>1</sup>, Shinji Kohara<sup>2</sup>, Yohei Onodera<sup>3</sup>, Takahiro Ohkubo<sup>4</sup>, Akitoshi Koreeda<sup>5</sup>, and Yasuhiro Fujii<sup>5</sup>  
<sup>1</sup>AIST, Japan, <sup>2</sup>NIMS, Japan, <sup>3</sup>Kyoto Univ., Japan, <sup>4</sup>Chiba Univ., Japan, <sup>5</sup>Ritsumeikan Univ., Japan

**Mo-C2-3**

**14:30 - 14:45**

### **Soft, Self-Healable Light Sources**

Yu Jun Tan, Hareesh Godaba, and Benjamin Chee Keong Tee  
Nat'l Univ. of Singapore, Singapore

**Mo-C2-4**

**14:45 - 15:00**

### **DNA Directed Plasmonic Nanostructures with Designed Chirality**

Qiangbin Wang  
CAS, China

**Mo-C2-5**

**15:00 - 15:15**

### **Growth Challenges for ZnO Nanorods in Hydrothermal Method and Their Application in Optoelectronics**

Khyati Gautam, Inderpreet Singh, P.K. Bhatnagar, and K.R. Peta  
Univ. of Delhi, India

**Mo-C2-6**

**15:15 - 15:30**

### **Balancing Refractive Index of Glass Beads for Use in Road Marking Applications to Enhance Their Retro-Reflectance in Dry And Wet Weather Conditions**

Sang Yeol Shin<sup>1</sup>, Ji In Lee<sup>1</sup>, Sunghoon Cho<sup>2</sup>, and Yong Gyu Choi<sup>1</sup>  
<sup>1</sup>Korea Aerospace Univ., Korea, <sup>2</sup>Ewha Industrial Co. Ltd, Korea