

Room C #103 13:30-15:30**[Mo-C2] Optical Materials and Devices II****Session Chairs:**

Shiyoshi Yokoyama (Kyushu Univ., Japan),
Xiaofeng Liu (Zhejiang Univ., China)

Mo-C2-1 [Invited] 13:30-14:00**Quantum Dot/Nanocrystal-Doped Glass Fiber with Near/Mid-Infrared Emission**

Guoping Dong¹, Shiliang Kang¹, Xiongjian Huang¹, and Jianrong Qiu²

¹South China Univ. of Tech., China, ²Zhejiang Univ., China

Mo-C2-2 [Invited] 14:00-14:30**Relationships between Structures and Physical Properties of Oxide Glasses**

Hirokazu Masai¹, Shinji Kohara², Yohei Onodera³, Takahiro Ohkubo⁴, Akitoshi Koreeda⁵, and Yasuhiro Fujii⁵

¹AIST, Japan, ²NIMS, Japan, ³Kyoto Univ., Japan, ⁴Chiba Univ., Japan, ⁵Ritsumeikan 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**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-C2-5 15:00-15:15**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 Shin¹, Ji In Lee¹, Sunghoon Cho², and Yong Gyu Choi¹

¹Korea Aerospace Univ., Korea, ²Ewha Industrial Co. Ltd, Korea

Room D #104 13:30-15:30**[Mo-D2] Bio-integrated Electronics II****Session Chairs:**

Kyung-In Jang (DGIST, Korea),
Young Min Song (GIST, Korea)

Mo-D2-1 [Invited] 13:30-14:00**Materials and Devices for Advanced Wearable Sensors**

Sheng Xu

Univ. of California, San Diego, USA

Mo-D2-2 [Invited] 14:00-14:30**Breathable Nano-Mesh Structure for Inflammation Free E-Skin Sensor**

Sungwon Lee

DGIST, Korea

Mo-D2-3 [Invited] 14:30-15:00**Soft, Thin Skin-Mounted Power Management Systems**

Jung Woo Lee

Pusan Nat'l Univ., Korea

Mo-D2-4 [Invited] 15:00-15:30**Battery-Free Wireless System for Wearable Sensors**

Jeonghyun Kim

Kwangwoon Univ., Korea

Mo-D2-5 15:30-15:45**Wearable Optoelectronic Device with Thermally, Mechanically Invisible to the Human Skin**

Han Hee Jung and Kyung-In Jang

DGIST, Korea