

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

Shinji Kohara (NIMS, Japan),  
Guoping Dong (South China Univ. of Tech., China)

**Tu-C2-1 [Invited]** 13:30-14:00**Transparent Glass-Ceramics for Wavelength Tunable Light Source**

Shifeng Zhou<sup>1</sup> and Jianrong Qiu<sup>2</sup>  
<sup>1</sup>South China Univ. of Tech., China, <sup>2</sup>Zhejiang Univ., China

**Tu-C2-2 [Invited]** 14:00-14:30**Structural Studies of NaPO<sub>3</sub> based Optical Phosphate Glasses by Solid State NMR**

Jinjun Ren  
CAS, China

**Tu-C2-3** 14:30-14:45 **$\alpha$ -SiAlON: A New Host-Material for Lanthanide Upconversion in Extreme Environment**

Yuwaraj Kshetri and Soo Wahn Lee  
Sun Moon Univ., Korea

**Tu-C2-4** 14:45-15:00**Development of Norbornene-Dicarboximide based Organic Electro-Optic Polymers**

Alisa Bannaron, Andrew Mark Spring, and Shiyoshi Yokoyama  
Kyushu Univ., Japan

**Tu-C2-5** 15:00-15:15**High-Q Si<sub>3</sub>N<sub>4</sub> Ring Resonator Fabrication with Low Temperature LSCVD Method**

Xiaoyang Cheng and Shiyoshi Yokoyama  
Kyushu Univ., Japan

**Tu-C2-6** 15:15-15:30**Effects of Ga Replacing Ge in Ge-Sb-Se Glass**

Woo Hyung Lee, Jun Ho Lee, Hyum Kim, and Yong Gyu Choi  
Korea Aerospace Univ., Korea

**Room D #104** 13:30-15:30**[Tu-D2]** Biointerfacing Nanomaterials**Session Chair:**

Xiaogang Liu (Nus, Singapore)

**Tu-D2-1 [Invited]** 13:30-14:00**Cellular Behavior on Nanostructured Surfaces**

Jin Seok Lee  
Sookmyung Women's Univ., Korea

**Tu-D2-2 [Invited]** 14:00-14:30**Direct Measurements of Inter-Membrane Forces using Surface Forces Apparatus (SFA)**

Dong Woong Lee  
UNIST, Korea

**Tu-D2-3 [Invited]** 14:30-15:00**Decoding Top-Down and Bottom-Up Nanofabrication Approaches**

Wooyoung Shim  
Yonsei Univ., Korea