



IUMRS-ICEM 2018

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

Session Title	Optical Materials and Devices I	Session Code	Mo-C1
Date and Time	2018-08-20 / 10:30 - 12:30		
Place	Room C		
Session Chair	TBA		

Mo-C1-1

10:30 - 11:00

[Invited] Femtosecond Laser Induced Microstructures in Glass and their Applications

Jianrong Qiu
Zhejiang Univ., China

Mo-C1-2

11:00 - 11:30

[Invited] Unravelling Diffraction Pattern of Glass, Liquids, and Amorphous Materials

Shinji Kohara
NIMS, Japan

Mo-C1-3

11:30 - 11:45

Intermediate-Band-Induced Strong Near-Infrared Absorption in Au Hyperdoped Si

Wenjie Yang¹, Naheed Ferdous², Peter J. Simpson³, Quentin Hudspeth⁴, Austin J. Akey⁵, Jeffrey M. Warrender⁴, Elif Ertekin², Michael J. Aziz⁵, and Jim S. Williams¹
¹Australian Nat'l Univ., Australia, ²Univ. of Illinois USA, ³Univ. of Western Ontario, Canada, ⁴U.S. Army ARDEC- Benet Laboratories, USA, ⁵Harvard John A. Paulson School of Engineering and Applied Sci., USA

Mo-C1-4

11:45 - 12:00

Optically Thin Metal Film Electrodes with A Dense Array of Tiny Holes

H.Jessica Pereira, Joseph Reed, Steven Huband, and Ross Hatton
Univ. of Warwick, UK

Mo-C1-5

12:00 - 12:15

Effect of Short-Range Ordered Two-Dimensional Electron Gas at Al₂O₃/In₂O₃ Heterojunction

Sang Yeon Lee and Hyungtak Seo
Ajou Univ., Korea

Mo-C1-6

12:15 - 12:30

Growth Mechanism and Luminescence Properties of CsPbBr₃@Cs₄PbBr₆ Single Crystal

Xiaomei Chen and Haizheng Zhong
Beijing Inst. of Tech., China