

iMiD 2020

The 20th International Meeting on Information Display
August 25 - 28, 2020 / Online Conference

Topic Title: 09. Display Optics - 3D Displays

Session Title: 01. Holographic Display, Synthesis, and Printing

[01_09_1777] [Invited]

Algorithm of Curved Computer Generated Hologram for 3D Holographic Display

Juan Liu and Ruidan Kang (Beijing Inst. of tech., China)

[01_09_1744] [Invited]

Different Viewpoint Holograms Generated from a Single Hologram

Tomoyoshi Shimobaba (Chiba Univ., Japan), Takashi Nishitsuji (Tokyo Metropolitan Univ., Japan), Takashi Kakue, and Tomoyoshi Ito (Chiba Univ., Japan)

[01_09_1554]

Experimental Verification of Holographic Contact Lens Display

Junpei Sano, Shujian Liu, and Yasuhiro Takaki (Tokyo Univ. of Agriculture and Tech., Japan)

[01_09_1202]

Holographic Prescription for Vision Correction: Matching with User's Eyeglasses Prescription Data

Dongyeon Kim, Seung-Woo Nam, Kiseung Bang, and ByoungHo Lee (Seoul Nat'l Univ., Korea)

[01_09_1707]

Fast Hologram Synthesis Using Wave-Front Recording Plane-Based Look-Up Table Method

Yan-Ling Piao, Ki-Chul Kwon (Chungbuk Nat'l Univ., Korea), Seok-Hee Jeon (Suncheon Nat'l Univ., Korea), Seong Gyoon Park (Kongju Nat'l Univ., Korea), and Nam Kim (Chungbuk Nat'l Univ., Korea)

[01_09_1671]

Digital Hologram Printing Method with Removing Phase Curvature on the Hologram Plane

Hosung Jeon (Kyungpook Nat'l Univ, Korea), Jonghyeon Lee, Hwi Kim (Korea Univ., Korea), and Joonku Hahn (Kyungpook Nat'l Univ, Korea)