

iMiD 2020

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

Topic Title: 04. Special Session IV: AR/VR/MR

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[01_04_1769] [Invited]

Holographic Display and Image Synthesis for VR/AR

Yifan (Evan) Peng, Suyeon Choi, Nitish Padmanaban, and Gordon Wetzstein (Stanford Univ., USA)

[01_04_1783] [Invited]

Increasing Vertical Field-of-View of Augmented Reality Images with Pin Mirror Technology

Soon-gi Park, Jeonghun Ha, and Jaehyeok Kim (LetinAR, Korea)

[01_04_1789] [Invited]

The Perspective of Deep Inertial Odometry as Alternative to Visual Odometry for Sensor Pose Tracking

Hideaki Uchiyam (Kyushu Univ., Japan)

[01_04_1500]

The High Aspect Ratio Microdisplay and The Thin Optical Component for Glass-like AR Devices

Chan-mo Kang, Jin-Wook Shin, Sukyung Choi, Byoung-Hwa Kwon, Hyunsu Cho, Nam Sung Cho, Jeong-Ik Lee (ETRI, Korea), Hyunkoo Lee (Sookmyung Women's Univ., Korea), Jeong Hwan Lee, Hokwon Kim, Ara Cho, Jeong Cho, Sang Hyun Park, Minseok Kim (RAONTECH, Korea),

[01_04_1521]

Fringe Field Effect of Ferroelectric Liquid Crystal Study Using Electrode Pattern for Virtual Reality and Augmented Reality

Zhibo Sun, Zhengnan Yuan, Hoi-Sing Kwok, and A.K. Srivastava (Hong Kong Univ. of Science and Tech., Hong Kong)

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[01_04_1681]

Improved Optical See-Through Head-Mounted Display Using Transmittance Variable Display

Jihyung Kim, Jonghyeon Ka, and Wooksung Kim (POSTECH, Korea)

[01_04_1706]

Don't Block My Eyesight: The Text Position and Background Image Quality in Augmented Reality

Qinyue Chen, Juhee Kim, and Hyeon-Jeong Suk (KAIST, Korea)

[01_04_1570]

Optomotor Response of Medaka to an Omnidirectional Aquatic Display

Daiki Kudo, Erina Abe (Utsunomiya Univ., Japan), Masaki Yasugi (Utsunomiya Univ., Japan and ACCEL, Japan), and Hirotsugu Ymamoto (Utsunomiya Univ., Japan and ACCEL, Japan)