

Oral Presentation

[LCT2]LC Flat Diffractive Optics

Special Topics of Interest on AR/VR and Hyper Reality

Chair: Toshiaki Nose (Akita Prefecture University)

Co-Chair: Hiroyuki Yoshida (Osaka University)

Wed. Nov 27, 2019 3:20 PM - 4:50 PM Room 107 (1F)

3:20 PM - 3:40 PM

[LCT2-1(Invited)]Fundamentals and Applications of Liquid Crystal-Based, Polarization-Dependent Diffractive Optics

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There is recently interest in LC-based diffractive optical elements (DOEs) that enable modulation of the light phasefront through the spatial distribution of its optic axis. The operating principles of both transmissive and reflective devices are reviewed and their applications are discussed.