

Oral Presentation

## [VHF7]Ergonomics for Display Applications II

Chair: Nobuyuki Hiruma (NHK-ES)

Co-Chair: Shin-ichi Uehara (AGC)

Fri. Nov 29, 2019 3:00 PM - 4:25 PM Mid-sized Hall A (1F)

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3:25 PM - 3:50 PM

### [VHF7-4L(Invited)]Development of an 8K-class 3D Shooting System for Microscopic Surgery and the World's First Shooting

\*Taichiro Kurita<sup>1</sup> (1. NHK Technologies, Inc. (Japan))

Keywords:8K, 3D, shooting, microscopic surgery, medical

*An 8K-class 3D shooting system for microscopic surgery is developed. The system equips two small UHD cameras with 5120 (H) x 4320 (V) pixels and 59.94 Hz frame rate. The world's first shooting using the system was conducted and fine 8K3D video of the surgery is successfully displayed after editing.*