Gushed Light Field: Video Showcase of Aerosol-Based Fog Display

Figure 1: Application examples of Gushed Light Field.

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Abstract
We present a video showcase of our aerosol-based fog display [1]. Our system employs aerosol distribution from off-the-shelf sprays as a fog screen that can resist the wind and has high portability. We present some application examples; wearable applications, multi-viewpoint display, a display embedded in the environment, and aerial imaging with a drone or radio-controlled model car (Figure 1). This study will contribute to the exploration of new application areas for fog displays, and expand expressions of entertainments and interactivity.

Author Keywords
Display; aerial imaging; multi-copter; entertainment.

ACM Classification Keywords
H.5.m. [Information Interfaces and Presentation (e.g. HCI)]: Display

References
[1] Ippei Suzuki, Shuntarou Yoshimitsu, Keisuke Kawahara, Nobutaka Ito, Atsushi Shinoda, Akira Ishii, Takatoshi Yoshida, and Yoichi Ochiai. 2017. Design Method for Gushed Light Field: Aerosol-Based Aerial and Instant Display. In *Proceedings of the 8th Augmented Human International Conference 2017 (AH '17)*. DOI: http://dx.doi.org/10.1145/3041164.3041170