

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



Figure 1: Application examples of Gushed Light Field.

Ippei Suzuki

University of Tsukuba
1heisuzuki@gmail.com

Shuntarou Yoshimitsu

Waseda University
gogoyoshimiy@gmail.com

Keisuke Kawahara

University of Tsukuba
kawahara@ai.iit.tsukuba.ac.jp

Nobutaka Ito

The University of Tokyo
earth.nobu.light@gmail.com

Atsushi Shinoda

University of Tsukuba
thinkdifferent1984.5.16@gmail.com

Akira Ishii

University of Tsukuba
ishii@iplab.cs.tsukuba.ac.jp

Takatoshi Yoshida

The University of Tokyo
takatoshi_yoshida@ipc.i.u-tokyo.ac.jp

Yoichi Ochiai

University of Tsukuba
wizard@slis.tsukuba.ac.jp

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>

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