Sensory Effect Representation for
Barrier-free Broadcasting Service

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Abstract— **Realistic media broadcasting service must be for deaf-blind peoples who could not be immersed in emotion by senses of sight or hearing because the existing barrier-free broadcasting service supports just descriptive information about contents. This paper proposes an authoring, transmission, and representation method of the sensory effect metadata for the barrier-free broadcasting service. Finally, this paper explains the test result and the feasibility of sensory effect representation devices.**

Keywords— **realistic broadcasting, barrier-free broadcasting, sensory effect, scent blending, MPEG-V**

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