

Session Title:	43. Perceptual Quality and Computational Issues in AR/VR/MR
Session Date:	August 22 (Fri.), 2025
Session Time:	09:00-10:20
Session Room:	Room C (217)
Session Chair(s):	Dr. Jee Myung Kim (LetinAR, Korea) Prof. Zong Qin (Sun Yat-Sen Univ., China)

[C43-1] [Invited]	09:00-09:25
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Towards Building Perceptual Metrics for Next-Generation Displays

Dongyeon Kim (Univ.of Cambridge, UK)

[C43-2] [Invited]	09:25-09:50
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Wave-Optic Design Algorithms for Diffractive Waveguide Augmented Reality Displays

Hwi Kim (Korea Univ., Korea)

[C43-3]	09:50-10:05
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Hologram Data Calculation based on Conventional Computer-Graphics Rendering

Yota Iseki (Tokushima Univ., Japan), Munekazu Date (Tokushima Bunri Univ., Japan), Haruki Mizushima (Tokushima Univ. & Shinshu Univ., Japan), and Kenji Yamamoto (Tokushima Univ., Japan)

[C43-4]	10:05-10:20
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Experimental Verification of Moiré Reduction of Near Virtual-Image Mode Light Field Display Using Zigzag-Shaped Apertures

Koichiro Fukano (Tokyo Univ. of Agriculture and Tech., Japan), Toshiki Yura (IMAGICA GROUP Inc., Japan), and Yasuhiro Takaki (Tokyo Univ. of Agriculture and Tech., Japan)