

Poster Presentation

[AISp2/VHFp6]Deep Learning for Image Quality

Thu. Nov 28, 2019 2:30 PM - 5:00 PM Main Hall (1F)

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[AISp2/VHFp6-1]Automatic Selection of Preferable Tone-Mapping Method based on Deep Learning

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Keywords:HDR image database, Preference, Subjective evaluation, Convolutional neural network

The preference of a tone-mapped HDR image appearance depends on an applied Tone-Mapping method and an input scene content. In this paper, based on a deep learning technique, we propose a system to automatically select a Tone-Mapping method that provides a preferable appearance of an input HDR image.