

Oral Presentation

[AIS2]AI and Information Display

Chair: Yuki Ban (The University of Tokyo)

Co-Chair: Kazuyuki Fujita (Tohoku University)

Wed. Nov 27, 2019 5:00 PM - 6:25 PM Room 206 (2F)

5:50 PM - 6:10 PM

[AIS2-3]Deep Convolution Neural Networks for Painting-like 3D Rendering

*Zhi Yang¹, Pei-Li Sun¹, Tzung-Han Lin¹ (1. National Taiwan University of Science and Technology (Taiwan))

Keywords:Deep learning, Non-photorealistic rendering, Computer graphics

A 3D rendering model which uses deep convolutional neural networks to imitate 2D painting style is proposed. User can feed the networks with simple paintings of specific objects to render images of 3D objects with any orientations in accordance with the painting style.