

Oral Presentation

[DES5]Video Coding

Chair: Seishi Takamura (NTT)

Co-Chair: Haruhiko Okumura (Toshiba)

Fri. Nov 29, 2019 1:20 PM - 2:35 PM Room 107 (1F)

1:45 PM - 2:10 PM

[DES5-2(Invited)]Next Generation Video coding in 8K era - Versatile Video Coding and AI

*Tomohiro Ikai¹, Eiichi Sasaki¹, Yukinobu Yasugi¹, Tomonori Hashimoto¹, Tianyang Zhou¹, Takeshi Chujoh¹, Tomoko Aono¹, Norio Itoh¹ (1. Sharp Corporation (Japan))

Keywords:Versatile Video Coding, CNN, Video Super Resolution

Displays and video compression are key drivers in emerging 4K/8K and VR/AR video market. Versatile Video Coding (VVC), under development as the next generation video coding, inevitably changes our society in the 2020s. This paper shows VVC key components including simplification and improvement aspects and shows neural network's difficulty and significance in compressed video.