

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)

2:10 PM - 2:35 PM

[DES5-3(Invited)]MPEG Point Cloud Compression; First Standard for Immersive Media

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Keywords:Point cloud, Compression, MPEG, Standard

This paper introduces recent MPEG activity on Point Cloud Compression (PCC) standard planned to be released in 2020 as a part of ISO/IEC 23090 series. The paper explains two complementary technologies, Video-based PCC and Geometry-based PCC. The coding algorithm, the compression performance, and the use-cases are discussed.