ISO/IEC JTC 1/SC 29
Coding of audio, picture, multimedia and hypermedia information
Secretariat: JISC (Japan)

Document type: Outgoing Liaison Statement

Title: Liaison Statement from SC 29/WG 11 to 3GPP TSG SA WG4 on Social VR Requirements [SC 29/WG 11 N 18870]

Status: In accordance with Recommendation 21.4.1 at the 128th WG 11 Meeting, 2019-10-07/11, Geneva, Switzerland, the SC 29 Secretariat sends this liaison statement to 3GPP TSG SA WG4. [Requested action: For SC 29's information]

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Committee URL: https://isotc.iso.org/livelink/livelink/open/jtc1sc29

ISO/IEC JTC 1/SC 29/WG 11

Coding of moving pictures and audio

Convenorship: UNI (Italy)

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INTERNATIONAL ORGANISATION FOR STANDARDISATION
ORGANISATION INTERNATIONALE DE NORMALISATION
ISO/IEC JTC1/SC29/WG11
CODING OF MOVING PICTURES AND AUDIO

ISO/IEC JTC1/SC29/WG11 N18870
October 2019, Geneva, Switzerland

Source	**Convenor**
Title	**Liaison Statement on Social VR Requirements**
To	**3GPP TSG SA WG4**

ISO/IEC JTC1/SC29/WG11 (a.k.a. MPEG) has developed a set of requirements on Social VR that may be useful in the context of your Work Item on ITT4RT (Support of Immersive Teleconferencing and Telepresence for Remote Terminals). The requirements are copied below for your convenience.

25. The specification shall support rendering of speech and audio from other users in the virtual environment. The speech and audio may be immersive.

25.1 The specification shall support low-latency conversation between users within a given virtual environment.

25.2 The specification shall support low-latency conversation between a user within the given virtual environment and a user outside the given virtual environment.

25.3 The specification shall enable synchronization of audio and video of users and the scene.

25.4 The specification shall support metadata specifying restrictions and recommendations for rendering of speech/audio from the other users (e.g. on placement and sound level).

MPEG would like to ask 3GPP TSG SA WG4 whether and to what extent the above requirements would be fulfilled by the ITT4RT Work Item.

For your information, our future meeting schedule is as follows:
- 129th MPEG meeting on 13-17 January 2020, Brussels, Belgium.
- 130th MPEG meeting on 20-24 April 2020, Alpbach, Austria.