

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

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Title: **Liaison Statement from SC 29/WG 11 to 3GPP on MPEG Network-based Media Processing [SC 29/WG 11 N17517]**

Status: **In accordance with Recommendation 26.4.1 at the 122nd WG 11 Meeting, 2018-04-16/20, San Diego, CA, USA, the SC 29 Secretariat forwarded this liaison statement to 3GPP. [Requested action: For SC 29's information]**

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

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

**ISO/IEC JTC1/SC29/WG11/N17517
April 2018, San Diego, USA**

Source: Convener

Title: Liaison on MPEG Network-based Media Processing

Recipients: 3GPP

MPEG at its 122nd meeting is issuing a Call for Proposals on Network-based Media Processing (NBMP). NBMP will define a framework that allows content and service providers to describe, deploy, and control media processing for their content in the network. The NBMP Framework will be interoperable with existing Cloud platforms and is designed to integrate with multiple network environments such as 5G.

With the increasing complexity and sophistication of media services and the incurred media processing, offloading complex tasks to keep receiver hardware simple and power consumption low becomes more critical. NBMP will play a key role in streamlining and standardizing the ways to offload processing to the network.

MPEG would like to invite you to join this effort to create a standard for deploying and controlling media processing remotely in the network/cloud.

The standardization roadmap aims at receiving and evaluating proposals at the MPEG 123rd meeting and issuing a Committee Draft standard at the MPEG 124th meeting.

For your information, our future meeting schedule is as follows:

- 123rd MPEG meeting on July 16-20, 2018 in Ljubljana, SI
- 124th MPEG meeting on October 8-12, 2018 in Macau, CN

Attachment:

WG 11 N 17502, "Use cases & requirements for NBMP (v4)"

http://wg11.sc29.org/doc_end_user/documents/122_San%20Diego/wg11/w17502.zip

WG 11 N17503, "Call for Proposals on Network-based Media Processing"

http://wg11.sc29.org/doc_end_user/documents/122_San%20Diego/wg11/w17503.zip

WG 11 N17518, "Investigation on Network-based Media Processing"

http://wg11.sc29.org/doc_end_user/documents/122_San%20Diego/wg11/w17518.zip

(This document will be provided after editing period.)