

**ISO/IEC JTC 1/SC 29/WG 11 N18746**

**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 JTC 1/SC 29/WG 11**

**CODING OF MOVING PICTURES AND AUDIO**

**ISO/IEC JTC 1/SC 29/WG 11 N18746**

**Geneva, CH – October 2019**

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| **Source:** | **Leonardo Chiariglione** |
| **Title:** | **Agenda of the 128th WG 11 meeting** |

**Agenda of the 128th WG 11 meeting**

1. Opening
2. Roll call of participants
3. Approval of agenda
4. Allocation of contributions
5. Communications from Convenor
6. Report of previous meetings
7. Workplan

Legend

|  |  |  |
| --- | --- | --- |
| Std | ISO/IEC | Title |
| 1 | 11172 | Coding of moving pictures and associated audio for digital storage media at up to about 1,5 Mbit/s |
| 2 | 13818 | Generic coding of moving pictures and associated audio information |
| 4 | 14496 | Coding of audio-visual objects |
| 7 | 15938 | Multimedia content description interface |
| 21 | 21000 | Multimedia Framework |
| A | 23000 | Multimedia Application Formats |
| B | 23001 | MPEG systems technologies |
| C | 23002 | MPEG video technologies |
| D | 23003 | MPEG audio technologies |
| E | 23004 | Multimedia Middleware |
| V | 23005 | Media context and control |
| M | 23006 | Multimedia service platform technologies |
| U | 23007 | Rich media user interfaces |
| H | 23008 | High efficiency coding and media delivery in heterogeneous environments |
| DASH | 23009 | Dynamic adaptive streaming over HTTP (DASH) |
| I | 23090 | Coded representation of immersive media |
| CICP | 23091 | Coding-Independent Code-Points |
| G | 23092 | Genomic Information Representation |
| IoMT | 23093 | Internet of Media Things |
| 5 | 23094 | General Video Coding |
| Exp |  | Explorations |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Std** | **Pt** | **Title** | **Type** | **E#** | **128** | **129** | **130** | **131** | **132** | **133** | **134** | **135** | **136** | **137** | **138** |
| 2 | 1 | Carriage of associated CMAF boxes for audio-visual elemen­tary streams in MPEG-2 TS | AMD | 2 | DAM | DAM | FDAM |  |  |  |  |  |  |  |  |
| 2 | 1 | Corrigendum | COR | 1 | COR |  |  |  |  |  |  |  |  |  |  |
| 4 | 12 | Compact movie fragments | AMD | 4 | DAM | FDAM |  |  |  |  |  |  |  |  |  |
| 4 | 15 | HEVC Carriage Improvements | AMD | 1 | DAM | DAM | FDAM |  |  |  |  |  |  |  |  |
| 4 | 15 | Carriage of VVC in ISOBMFF | AMD | 2 | CDAM | DAM | DAM | FDAM |  |  |  |  |  |  |  |
| 4 | 22 | Colour font technology and other updates | AMD | 1 | DAM | DAM | FDAM |  |  |  |  |  |  |  |  |
| 4 | 32 | Reference Software and Conformance for File Format [2nd edtion] | STD | 2 | WD | WD | CD | DIS | DIS | FDIS |  |  |  |  |  |
| 4 | 34 | Registration Authority for MPEG-4 | STD | 1 | CD | CD | DIS | DIS | DIS | FDIS |  |  |  |  |  |
| 7 | 16 | Conformance and Reference Software for Compact Descriptors for Video Analysis | STD | 1 | FDIS |  |  |  |  |  |  |  |  |  |  |
| 7 | 17 | Compressed Representation of Neural Networks | STD | 1 | WD | WD | CD | DIS | DIS | FDIS |  |  |  |  |  |
| A | 21 | Reference Software and Conformance for Visual Identity Management Application Format | AMD | 1 | CDAM | DAM | DAM | FDAM |  |  |  |  |  |  |  |
| A | 22 | Reference Software and Conformance for Multi Image Application Format | AMD | 1 | WD | CDAM | CDAM | DAM | DAM | FDAM |  |  |  |  |  |
| B | 7 | Common Encryption for ISO Base Media File Format [4E] | STD | 4 | WD | WD | CD | DIS | DIS | FDIS |  |  |  |  |  |
| B | 10 | Carriage of Timed Metadata Metrics of Media in ISO Base Media File Format | STD | 2 | WD | WD | CD | DIS | DIS | FDIS |  |  |  |  |  |
| B | 13 | Multimedia Orchestration Reference Software | AMD | 1 | CDAM | DAM | DAM | FDAM |  |  |  |  |  |  |  |
| B | 14 | Partial File Format | STD | 2 | CD | DIS | DIS | FDIS |  |  |  |  |  |  |  |
| B | 16 | Derived Visual Tracks in ISOBMFF | STD | 1 | WD | CD | DIS | DIS | DIS | FDIS |  |  |  |  |  |
| C | 7 | Supplemental enhancement information messages for coded video bitstreams | STD | 1 | DIS | DIS | FDIS |  |  |  |  |  |  |  |  |
| D | 5 | Uncompressed Audio in MP4 FF | STD | 1 | DIS | FDIS |  |  |  |  |  |  |  |  |  |
| V | 7 | Reference Software and Conformance | STD | 4 | FDIS |  |  |  |  |  |  |  |  |  |  |
| H | 1 | Support of FCAST | AMD | 1 | DAM | DAM | FDAM |  |  |  |  |  |  |  |  |
| H | 2 | Additional supplemental enhancement information for HEVC | AMD | 1 | FDAM |  |  |  |  |  |  |  |  |  |  |
| H | 3 | Corrections and Improvements on 3D Audio | AMD | 2 | CDAM | DAM | DAM | FDAM |  |  |  |  |  |  |  |
| H | 4 | Support for MMTP extensions | AMD | 1 | CDAM | DAM | DAM | FDAM |  |  |  |  |  |  |  |
| H | 7 | MMT Conformance Testing | STD | 1 | DIS | FDIS |  |  |  |  |  |  |  |  |  |
| H | 10 | Window-based FEC code | AMD | 1 | DAM | DAM | FDAM |  |  |  |  |  |  |  |  |
| H | 12 | support for predictive image coding, bursts, bracketing, and other improvements | AMD | 1 | DAM | DAM | FDAM |  |  |  |  |  |  |  |  |
| H | 13 | MPEG Media Transport Implementation Guidelines | TR | 4 | PDTR | TR |  |  |  |  |  |  |  |  |  |
| DA | 1 | Client event and timed metadata processing | AMD | 1 | DAM | DAM | FDAM |  |  |  |  |  |  |  |  |
| DA | 3 | MPEG-DASH Implementation Guidelines | TR | 2 | TR |  |  |  |  |  |  |  |  |  |  |
| DA | 5 | Improvements on SAND messages | AMD | 1 | FDAM |  |  |  |  |  |  |  |  |  |  |
| DA | 7 | Delivery of CMAF content with DASH | TR | 1 | WD | WD | PDTR | PDTR | TR |  |  |  |  |  |  |
| DA | 8 | Session based DASH operations | STD | 1 | CD | DIS | DIS | FDIS |  |  |  |  |  |  |  |
| I | 2 | Omnidirectional MediA Format | STD | 2 | CD | DIS | DIS | FDIS |  |  |  |  |  |  |  |
| I | 3 | Versatile Video Coding | STD | 1 | CD | DIS | DIS | FDIS |  |  |  |  |  |  |  |
| I | 4 | Immersive Audio | STD | 1 |  | CfP | CfP | CfP | CfP | WD | WD | CD | DIS | DIS | FDIS |
| I | 5 | Video-based Point Cloud Compression | STD | 1 | DIS | FDIS |  |  |  |  |  |  |  |  |  |
| I | 6 | Immersive Media Metrics | STD | 1 | WD | CD | DIS | DIS | DIS | FDIS |  |  |  |  |  |
| I | 7 | Immersive Audio Metadata | STD | 1 |  |  |  |  |  |  |  |  |  |  |  |
| I | 7 | Immersive Media Metadata | STD | 1 | CD | DIS | DIS | FDIS |  |  |  |  |  |  |  |
| I | 7 | Immersive Systems Metadata | STD | 1 | WD | WD | CD | DIS | DIS | FDIS |  |  |  |  |  |
| I | 7 | Immersive Video Metadata | STD | 1 |  |  |  |  |  |  |  |  |  |  |  |
| I | 8 | Network-Based Media Processing | STD | 1 | DIS | FDIS |  |  |  |  |  |  |  |  |  |
| I | 9 | Geometry-based Point Cloud Compression | STD | 1 | DIS | DIS | FDIS |  |  |  |  |  |  |  |  |
| I | 10 | Carriage of Point Cloud Data | STD | 1 | DIS | DIS | FDIS |  |  |  |  |  |  |  |  |
| I | 11 | Implementation Guidelines for Network-based Media Processing | TR | 1 | PDTR | TR |  |  |  |  |  |  |  |  |  |
| I | 12 | Immersive Video | STD | 1 | CD | DIS |  |  |  |  |  |  |  |  |  |
| CI | 4 | Usage of video signal type code points second edition | TR | 2 | TR |  |  |  |  |  |  |  |  |  |  |
| G | 4 | Reference software and conformance | STD | 1 | DIS | DIS | FDIS |  |  |  |  |  |  |  |  |
| G | 5 | Conformance | STD | 1 | DIS | DIS | FDIS |  |  |  |  |  |  |  |  |
| G | 6 | Genomic Annotation Representation | STD | 1 | WD | WD | CD | DIS | FDIS |  |  |  |  |  |  |
| IO | 1 | IoMT Architecture | STD | 1 | FDIS |  |  |  |  |  |  |  |  |  |  |
| IO | 4 | IoMT Reference Software and Conformance | STD | 1 | DIS | DIS | FDIS |  |  |  |  |  |  |  |  |
| 5 | 1 | Essential Video Coding | STD | 1 | DIS | DIS | FDIS |  |  |  |  |  |  |  |  |
| 5 | 2 | Low Complexity Enhancement Video Coding | STD | 1 | CD | DIS | DIS | FDIS |  |  |  |  |  |  |  |
| Exp | 7 | Immersive video - 6DoF | EXP | 2 | EXP | EXP | EXP |  |  |  |  |  |  |  |  |
| Exp | 7 | Compression of dense representation of light fields | EXP | 3 | EXP | EXP | EXP |  |  |  |  |  |  |  |  |
| Exp | 28 | In-advance signalling of MPEG containers content | EXP | 1 | EXP |  |  |  |  |  |  |  |  |  |  |
| Exp | 32 | Data Compression | EXP | 1 | EXP |  |  |  |  |  |  |  |  |  |  |
| Exp | 33 | MPEG-21 Based Smart Contracts | STD | 1 | EXP |  |  |  |  |  |  |  |  |  |  |
| Exp | 34 | Video Coding for Machines | EXP | 1 | EXP |  |  |  |  |  |  |  |  |  |  |

1. Ad hoc group reports
   1. AHG on MPEG File Formats
   2. AHG on Genomic Information Representation
   3. AHG on Systems technologies for PCC
   4. AHG on Systems technologies for VVC
   5. AHG on MPEG-I Visual
   6. AHG on MPEG-5 Essential Video Coding
   7. AHG on Low Complexity Enhancement Video Coding
   8. AHG on Compression of Neural Networks for Multimedia Content Description and Analysis
   9. AHG on Compact Descriptors for Video Analysis (CDVA)
   10. AHG on Omnidirectional MediA Format (OMAF)
   11. AHG on MMT
   12. AHG on Application Formats
   13. AHG on MPEG-21 Contracts to Smart Contracts
   14. AHG on MPEG Roadmap
   15. AHG on Scene Description for MPEG-I
   16. AHG on MPEG-I Architecture and Requirements
   17. AhG on MPEG DASH
   18. AHG on MPEG & 5G
   19. AHG on Network Based Media Processing (NBMP)
   20. AHG on Font Format
   21. AHG on Video Coding for Machines
   22. AHG on MPEG-I Audio and Audio Maintenance
   23. AhG on Point Cloud Compression
   24. AhG on IoMT
   25. AHG on Compression of Machine Tool Data
2. Organisation of this meeting
   1. Tasks for subgroups
   2. Joint meetings
   3. Room assignment
3. WG management
   1. Terms of reference
   2. Officers
   3. Editors
   4. Liaisons
   5. Work item assignment
   6. Ad hoc groups
   7. Asset management
      1. Reference software
      2. Conformance
      3. Test material
      4. URI
   8. IPR management
4. Work plan and time line
5. Administrative matters
   1. Schedule of future MPEG meetings
   2. Promotional activities
   3. Press release
6. Conclusions of this meeting
7. A.O.B.
8. Closing