**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 N** **17904**

**Macao, CN – October 2018**

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| **Source:** | **Leonardo Chiariglione** |
| **Title:** | **Agenda of the 124th WG 11 meeting** |

**Agenda of the 124th 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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Area** | **Standard/Part** | **Title** | **Type** | **E** | **Stage** |
| Video coding |  |  |  |  |  |
|  | MPEG-4 |  |  |  |  |
|  | 10 - Advanced Video Coding |  |  |  |  |
|  |  | 14496-10:2014 [Edition 9] Advanced Video Coding | STD | 9 |  |
|  |  | 14496-10:2014 [Edition 9]/Amd1 Additional supplemental enhancement information | AMD | 1 | DAM |
|  | MPEG-H |  |  |  |  |
|  | 2 - High Efficiency Video Coding |  |  |  |  |
|  |  | 23003-2 [Edition 4] High Efficiency Video Coding | STD | 4 | DIS |
|  |  | 23003-2 [Edition 4]/Amd.1:201x Additional supplemental enhancement information for HEVC | AMD | 1 | WD |
|  | MPEG-I |  |  |  |  |
|  | 3 - Versatile Video Coding |  |  |  |  |
|  |  | 23090-3/202x [Edition 1] Versatile Video Coding | STD | 1 | WD |
|  | MPEG-CICP |  |  |  |  |
|  | 4 - Usage of video signal type code points |  |  |  |  |
|  |  | 23091-4:201x [Edition 1] Usage of video signal type code points | TR | 1 | WD |
|  | Explorations |  |  |  |  |
|  | 7 - Immersive Video |  |  |  |  |
|  |  | Immersive video - 3DoF+ | EXP | 1 | EXP |
|  |  | Immersive video – 6DoF | EXP | 2 | EXP |
|  |  | Compression of dense representation of light fields | EXP | 3 | EXP |
|  | 11 - Enhanced Quality Profile of AVC |  | EXP | 1 | EXP |
|  | 30 - Low Complexity Enhancement Video Codec |  | EXP | 1 | EXP |
| Audio coding |  |  |  |  |  |
|  | MPEG-D |  |  |  |  |
|  | 3 - Unified Speech and Audio Coding |  |  |  |  |
|  |  | FDIS 23003-3:2015 [2nd Edition] | STD | 2 | FDIS |
|  | 4 - Dynamic Range Control |  |  |  |  |
|  |  | 23003-4:201x [Edition 2] Dynamic Range Control | STD | 2 | REL |
|  |  | 23003-4:201x [Edition 2] Dynamic Range Control/Amd.4:201x Conformance | AMD | 4 | FDAM |
|  | 5 - Uncompressed Audio in MP4 FF |  |  |  |  |
|  |  | None/Std.1:201x | STD | 1 | WD |
|  | MPEG-H |  |  |  |  |
|  | 3 - 3D Audio |  |  |  |  |
|  |  | 3D Audio | STD | 1 |  |
|  |  | 23008-3:2015 {Edition 1] Audio Metadata Enhancements | AMD | 5 | FDAM |
|  | 6 - 3D Audio Reference Software |  |  |  |  |
|  |  | 23008-6:201x [Edition 2] 3D audio reference software | STD | 2 | DIS |
|  | MPEG-I |  |  |  |  |
|  | 4 - Immersive Audio |  |  |  |  |
|  |  | 23090-4:201x [Edition 1] Immersive Audio | STD | 2 |  |
|  | MPEG-CICP |  |  |  |  |
|  | 3 - Audio |  |  |  |  |
|  |  | Audio Coding Independent Code Points | STD | 1 |  |
|  |  | Audio Coding Independent Code Points/Cor.1:201x | COR | 1 | COR |
| 3D Graphics Coding |  |  |  |  |  |
|  | MPEG-I |  |  |  |  |
|  | 5 - Point Cloud Compression |  |  |  |  |
|  |  | 23090-5:201x [Edition 1] Point Cloud Compression | STD | 1 | WD |
| Digital Item Coding |  |  |  |  |  |
|  | MPEG-21 |  |  |  |  |
|  | 22 - User Description |  |  |  |  |
|  |  | 21000-22:201x [Edition 2] User Description | STD | 2 | DIS |
| Sensors and Actuators Data Coding | |  |  |  |  |
|  | MPEG-V |  |  |  |  |
|  | 7 - Reference Software and Conformance |  |  |  |  |
|  |  | 23005-1:201x [Edition 4] Reference Software and Conformance | STD | 4 | WD |
| Genome coding |  |  |  |  |  |
|  | MPEG-G |  |  |  |  |
|  | 2 - Genomic Information Representation |  |  |  |  |
|  |  | 23092-2:201x [Edition 1] Genomic Information Representation | STD | 1 | DIS |
| Neural Network Coding | |  |  |  |  |
|  | Explorations |  |  |  |  |
|  | 29 - Compressed representation of neural networks |  |  |  |  |
|  |  | Compressed Representation of Neural Networks | EXP | 1 | EXP |
| Media Description |  |  |  |  |  |
|  | MPEG-7 |  |  |  |  |
|  | 15 - Compact descriptors for video analysis |  |  |  |  |
|  |  | 15938-15:201x [Edition 1] Compact Descriptors for Video Analysis | STD | 1 | DIS |
| Systems support |  |  |  |  |  |
|  | MPEG-B |  |  |  |  |
|  | 13 - Media orchestration |  |  |  |  |
|  |  | 23001-13 [Edition 1] Media Orchestration | STD | 1 |  |
|  | MPEG-I |  |  |  |  |
|  | 6 - Immersive Media Metrics |  |  |  |  |
|  |  | 23090-6:201x [Edition 1] Immersive Media Metrics | STD | 1 | WD |
|  | 7 - Immersive Media Metadata |  |  |  |  |
|  |  | 23090-7:201x [Edition 1] Immersive Media Metadata | STD | 1 | WD |
| IPMP |  |  |  |  |  |
|  | MPEG-B |  |  |  |  |
|  | 7 - Common Encryption for ISO Base Media File Format Files |  |  |  |  |
|  |  | 23001-7:201x [Edition 3] Common Encryption for ISO Base Media File Format Files | STD | 3 |  |
|  |  | 23001-7:201x [Edition 3]/Amd1 Multi-Keyed Samples, Content Sensitive Encryption and Item Protection | AMD | 1 | PDAM |
| Transport |  |  |  |  |  |
|  | MPEG-2 |  |  |  |  |
|  | 1 - Systems |  |  |  |  |
|  |  | 13818-1:201x [Edition 7] Systems | STD | 7 | REL |
|  |  | 13818-1:201x [Edition 7]/Amd1 Carriage of associated CMAF boxes for audio-visual elementary streams in MPEG-2 TS | AMD | 1 | PDAM |
|  | MPEG-4 |  |  |  |  |
|  | 12 - ISO Base Media File Format |  |  |  |  |
|  | 15 - Carriage of NAL unit structured video in the ISO Base Media File Format | |  |  |  |
|  |  | FDEd 14496-15:2017 [4th Edition] Carriage of NAL unit structured video in the ISO Base Media File Format | STD | 4 |  |
|  |  | 14496-15:201x [Edition 4] AMD 2 Additional Brands | AMD | 2 | DAM |
|  |  | 14496-15:2017 [Edition 4]/COR 4 | COR | 4 | COR |
|  | MPEG-B |  |  |  |  |
|  | 14 - Partial File Format |  |  |  |  |
|  |  | 23001-14 2nd edition Partial File Format | STD | 2 |  |
|  | 15 - Carriage of Web Resources in ISOBMFF |  |  |  |  |
|  |  | 23001-15;201x [Edition 1] Carriage of Web Resource in ISOBMFF | STD | 1 | DIS |
|  | MPEG-H |  |  |  |  |
|  | 1 - MPEG Media Transport |  |  |  |  |
|  |  | 23008-1:201x [Edition 2] MPEG Media Transport | STD | 2 |  |
|  |  | 23008-1:201x [Edition 2] /AMD 3 MPEG Media Transport CDN support | AMD | 3 | DAM |
|  |  | 23008-1:201x [Edition 2] MPEG Media Transport/Cor.4:201x | COR | 4 | COR |
|  |  | 23008-1:201x [Edition 3] MPEG Media Transport | STD | 3 | WD |
|  | 10 - MPEG Media Transport FEC Codes |  |  |  |  |
|  |  | 23008-10:2015 [Edition 1] Media Transport FEC Codes | STD | 1 |  |
|  |  | 23008-10:2015 [Edition 1] AMD 1 Window-based FEC code | AMD | 1 | WD |
|  | 13 - MMT Implementation Guidelines |  |  |  |  |
|  |  | 23008-13:201x [Edition 3] MPEG Media Transport Implementation Guidelines | TR | 3 | TR |
|  |  | 23008-13 4th edition MPEG Media Transport Implementation Guidelines | STD | 4 |  |
|  | MPEG-DASH |  |  |  |  |
|  | 1 - Media presentation description and segment formats |  |  |  |  |
|  |  | 23009-1:2014 [Edition 2] Media presentation description and segment formats | STD | 2 |  |
|  |  | 23009-1:2014 [Edition 2] Media presentation description and segment formats/Cor.3 | COR | 3 | DCOR |
|  |  | 23009-1:2014 [Edition2]/Amd5 Device information and other extensions | AMD | 5 | PDAM |
|  | 7 - Delivery of CMAF content with DASH |  |  |  |  |
|  |  | 23009-7:201x [Edition 1] Delivery of CMAF content with DASH | TR | 1 | WD |
|  | MPEG-I |  |  |  |  |
|  | 2 - Omnidirectional MediA Format |  |  |  |  |
|  |  | 23090-2:201x [Edition 1] Interactivity support for OMAF | STD | 2 | WD |
|  | MPEG-G |  |  |  |  |
|  | 1 - Transport and Storage of Genomic Information |  |  |  |  |
|  |  | 23092-1:201x [Edition 1] Transport and Storage of Genomic Information | STD | 1 | DIS |
|  | Explorations |  |  |  |  |
|  | 28 - In advance signalling of MPEG containers content |  |  |  |  |
|  |  | In-advance signalling of MPEG containers content | EXP | 1 | EXP |
| Application Formats |  |  |  |  |  |
|  | MPEG-A |  |  |  |  |
|  | 19 - Common Media Application Format |  |  |  |  |
|  |  | 23000-19:2018 [Edition 1] Common Media Application Format | STD | 1 |  |
|  |  | 23000-19:/2018 [Edition 1]/And2 xHE-AAC and other media profiles | AMD | 2 | FDAM |
|  |  | 23000-19:2018 [Edition 2] Common Media Application Format | STD | 2 |  |
|  | 21 - Visual Identity Management Application Format |  |  |  |  |
|  |  | 23000-21:202x [Edition 1] Visual Identity Management Application Format | STD | 1 | DIS |
|  | 22 - Multi-Image Application Format |  |  |  |  |
|  |  | 23000-22:/202x [Edition 1] Multi-Image Application Format | STD | 1 | DIS |
| API |  |  |  |  |  |
|  | MPEG-I |  |  |  |  |
|  | 8 - Network-based Media Processing |  |  |  |  |
|  |  | 23090-8:201x [Edition 1] Network-Based Media Processing | STD | 1 | WD |
|  | MPEG-G |  |  |  |  |
|  | 3 - API for Genomic Information Representation |  |  |  |  |
|  |  | 23092-3:201x [Edition 1] API and Metadata | STD | 1 | CD |
|  | MPEG-IOMT |  |  |  |  |
|  | 2 - IoMT Discovery and Communication API |  |  |  |  |
|  |  | 23093-2:201x [Edition 1] IoMT Discovery and Communication API | STD | 1 | CD |
|  | 3 - IoMT Media Data Formats and API |  |  |  |  |
|  |  | 23093-3:201x [Edition 1] IoMT Media Data Formats and API | STD | 1 | CD |
| Media Systems |  |  |  |  |  |
|  | MPEG-I |  |  |  |  |
|  | 1 - Technical Report on Immersive Media |  |  |  |  |
|  |  | 23090-1:201x [Edition 1] Technical report on Immersive Media | TR | 1 | TR |
|  | MPEG-IOMT |  |  |  |  |
|  | 1 - IoMT Architecture |  |  |  |  |
|  |  | 23093-1:201x [Edition 1] IoMT Architecture | STD | 1 | CD |
| Reference implementation | |  |  |  |  |
|  | MPEG-4 |  |  |  |  |
|  | 32 - Reference software and conformance for file formats |  |  |  |  |
|  |  | 14496-32:201x [Edition 1] Reference Software and Conformance for File Format | STD | 1 | DIS |
|  | MPEG-7 |  |  |  |  |
|  | 16 - Conformance and Reference Software for Compact Descriptors for Video Analysis | |  |  |  |
|  |  | 15938-16:201x [Edition 1] Conformance and Reference Software for Compact Descriptors for Video Analysis | STD | 1 | WD |
|  | MPEG-H |  |  |  |  |
|  | 4 - MMT Reference Software |  |  |  |  |
|  |  | 23008-4:201x [Edition 1] MMT Reference Software | STD | 1 |  |
|  |  | 23008-4:201x [Edition 1]/AMD1 MMT Reference Software with Network Capabilities | AMD | 1 | DAM |
|  | MPEG-DASH |  |  |  |  |
|  | 2 - Reference software and conformance |  |  |  |  |
|  |  | 23009-2:201x [Edition 2] Reference software and conformance | STD | 2 |  |
|  |  | 23009-2 2nd edition AMD 1 Conformance and reference software regarding SRD, SAND and Server Push | AMD | 1 | PDAM |
|  | 3 - Implementation guidelines |  |  |  |  |
|  |  | 23009-4:201x [Edition 2] MPEG-DASH Implementation Guidelines | TR | 2 | WD |
|  | MPEG-G |  |  |  |  |
|  | 4 - Reference Software |  |  |  |  |
|  |  | 23092-4:201x [Edition 1] Reference software and conformance | STD | 1 | CD |
| Conformance |  |  |  |  |  |
|  | MPEG-H |  |  |  |  |
|  | 7 - MMT Conformance testing |  |  |  |  |
|  |  | 23008-7:201x [Edition 1] MMT Conformance Testing | STD | 1 | CD |
|  | 8 - HEVC Conformance testing |  |  |  |  |
|  |  | 23008-8: 201x [2nd Edition] | STD | 2 |  |
|  |  | 23008-8: 201x Edition 2]/Amd.1:201x Conformance testing for Screen Content Coding | AMD | 1 | DAM |
|  | MPEG-G |  |  |  |  |
|  | 5 - Conformance |  |  |  |  |
|  |  | 23092-5:201x [Edition 1] Conformance | STD | 1 | WD |

1. Ad hoc group reports
   1. AhG on Low Complexity Enhancement Video Codec
   2. AhG on an Enhanced Quality Profile of the AVC Standard
   3. AHG on MPEG-I Visual Technologies
   4. AHG on MPEG-I Audio and Audio Maintenance
   5. AhG on Point Cloud Coding
   6. AHG on Font Format
   7. AHG on Genomic Information Representation
   8. AHG on Compressed Representation of Neural Networks
   9. AHG on Compact Descriptors for Video Analysis (CDVA)
   10. AHG on Scene Description for MPEG-I
   11. AHG on MPEG File Formats
   12. AhG on MMT
   13. AHG on MPEG-DASH
   14. AHG on MPEG MORE
   15. AHG on Application Formats
   16. AHG on Omnidirectional MediA Format (OMAF)
   17. AHG on Common Media AF
   18. AHG on MPEG-I Architecture
   19. AHG on System technologies for Point Cloud Coding
   20. AHG on MPEG Roadmap
   21. AHG on MPEG long term work plan
   22. AhG on IoMT
   23. AHG on Network Based Media Processing (NBMP)
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