**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 N17693**

**San Diego, CA, US – April 2018**

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| **Source:** | **Leonardo Chiariglione** |
| **Title:** | **Agenda of the 123rd WG 11 meeting** |

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| **#** | **#** | **Title** |
| 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 |
|  | 1 | Video coding |
|  | 1.1 | Advanced Video Coding |
|  | 1.1.1 | Additional supplemental enhancement information |
|  | 1.2 | HEVC |
|  | 1.2.1 | HEVC Monochrome Profile and additional supplemental enhancement information |
|  | 1.3 | Versatile Video Coding |
|  | 1.4 | Immersive Video Coding |
|  | 1.4.1 | Immersive video – 3DoF+ |
|  | 1.4.2 | Immersive video – 6DoF |
|  | 1.4.3 | Compression of dense representation of light fields |
|  | 1.5 | Video Coding Independent Code Points |
|  | 1.5.1 | Usage of video signal type code points |
|  | 2 | Audio coding |
|  | 2.1 | Advanced Audio Coding |
|  | 2.1.1 | SBR Enhancements |
|  | 2.2 | Unified Speech and Audio Coding |
|  | 2.2.1 | Stream ID and FF group |
|  | 2.3 | MPEG-H 3D Audio |
|  | 2.3.1 | Audio Metadata Enhancements |
|  | 2.4 | Immersive Audio Coding |
|  | 2.4.1 | Audio Coding for AR/VR |
|  | 2.5 | Audio Coding Independent Code Point |
|  | 3 | 3D Graphics Coding |
|  | 3.1 | Point Cloud Coding |
|  | 4 | Font Coding |
|  | 4.1 | Updated text layout features and implementations |
|  | 5 | Digital Item Coding |
|  | 5.1 | User Description |
|  | 5.1.1 | User Description extensions |
|  | 6 | Sensors and Actuators Data Coding |
|  | 7 | Genome coding |
|  | 7.1 | Genomic Information Representation |
|  | 8 | Neural Network Coding |
|  | 9 | Media Description |
|  | 9.1 | Compact Descriptors for Video Analysis |
|  | 10 | Media Composition |
|  | 10.1 | MMT Composition Information |
|  | 10.1.1 | Customization in Composition Information |
|  | 10.1.2 | Scene description |
|  | 11 | Systems support |
|  | 11.1 | Immersive Media Metrics |
|  | 11.2 | Immersive Media Metadata |
|  | 11.3 | Systems CICP |
|  | 12 | IPMP |
|  | 12.1 | Common Encryption for ISO Base Media File Format Files |
|  | 12.2 | Support for multi-keyed samples |
|  | 12.3 | Support for sample variants in the ISO Base Media File Format |
|  | 12.4 | Segment encryption and authentication |
|  | 13 | Transport |
|  | 13.1 | MPEG-2 Transport Stream |
|  | 13.1.1 | Carriage of HEVC Tiles |
|  | 13.1.2 | Support of Media Orchestration and sample variants in MPEG-2 TS |
|  | 13.1.3 | Carriage of associated CMAF boxes for audio-visual elementary streams in MPEG-2 TS |
|  | 13.2 | ISO Base Media File Format |
|  | 13.2.1 | Carriage of Web Resource in ISOBMFF |
|  | 13.2.2 | Carriage of ROI coordinates |
|  | 13.2.3 | Compact Sample-to-Group, new capabilities for tracks, and other improvements |
|  | 13.2.4 | Partial File Format |
|  | 13.2.5 | Interactivity Support in File Format |
|  | 13.3 | Carriage of NAL unit structured video in ISO BMFF |
|  | 13.3.1 | Additional Brands |
|  | 13.4 | MPEG Media Transport |
|  | 13.4.1 | CDN support |
|  | 13.4.2 | Additional FEC codes |
|  | 13.4.3 | MMT Implementation Guidelines |
|  | 13.5 | DASH |
|  | 13.5.1 | Device information and other extensions |
|  | 13.5.2 | MPEG-DASH Implementation Guidelines |
|  | 13.5.3 | Delivery of CMAF content with DASH |
|  | 13.6 | Immersive media |
|  | 13.6.1 | Interactivity support for OMAF |
|  | 13.7 | In-advance signalling of MPEG containers content |
|  | 13.8 | Genomic Information Transport |
|  | 14 | Application Formats |
|  | 14.1 | Common Media Application Format |
|  | 14.2 | Multi-Image Application Format |
|  | 14.3 | Visual Identity Application Format |
|  | 15 | API |
|  | 15.1 | Genomic Information API |
|  | 15.2 | IoMT Discovery and Communication API |
|  | 15.3 | IoMT Media Data Formats and API |
|  | 15.4 | Network-Based Media Processing |
|  | 16 | Media Systems |
|  | 16.1 | MPEG-V Architecture |
|  | 16.2 | MPEG-I Architectures |
|  | 16.3 | MPEG-IoMT Architecture |
|  | 17 | Reference implementation |
|  | 17.1 | Audio |
|  | 17.1.1 | Reference Software for new levels of ALS Simple profile |
|  | 17.1.2 | Reference Software for 3D Audio |
|  | 17.2 | Genomic Information |
|  | 17.2.1 | Reference software for Genomic Information Coding |
|  | 17.3 | Digital Items |
|  | 17.3.1 | Reference Software and Implementation Guidelines of User Description |
|  | 17.4 | Sensors and Actuators Data Formats |
|  | 17.4.1 | Reference Software for MPEG-V |
|  | 17.5 | Media Description |
|  | 17.5.1 | Reference Software for Compact Descriptors for Video Analysis |
|  | 17.6 | Digital Item |
|  | 17.6.1 | Reference Software for MVCO Extensions |
|  | 17.7 | Systems support |
|  | 17.7.1 | Reference Software for Media Orchestration |
|  | 17.8 | Transport |
|  | 17.8.1 | Reference Software for File Format |
|  | 17.8.2 | Reference Software for MMT with Network Capabilities |
|  | 17.8.3 | Reference software for SRD, SAND and Server Push |
|  | 17.8.4 | Reference software for OMAF |
|  | 18 | Conformance |
|  | 18.1 | Video |
|  | 18.1.1 | Conformance for HEVC |
|  | 18.2 | Audio |
|  | 18.2.1 | Conformance for new levels of ALS Simple profile |
|  | 18.2.2 | Conformance for 3D Audio |
|  | 18.3 | 3D Graphics |
|  | 18.4 | Digital Items |
|  | 18.5 | Sensors and Actuators Data Formats |
|  | 18.5.1 | Conformance for MPEG-V |
|  | 18.6 | Media description |
|  | 18.6.1 | Conformance for Compact Descriptors for Video Analysis |
|  | 18.7 | System support |
|  | 18.7.1 | Conformance for Media Orchestration |
|  | 18.8 | Transport |
|  | 18.8.1 | Conformance for File Format |
|  | 18.8.2 | Conformance for MMT |
|  | 18.8.3 | Conformance for SRD, SAND and Server Push |
|  | 18.8.4 | Conformance for OMAF |
|  | 18.8.5 | Conformance for Genomic Information Coding |
|  | 18.9 | Application Formats |
|  | 18.9.1 | Conformance for CMAF |
|  | 19 | Maintenance |
|  | 19.1 | Systems coding standards |
|  | 19.2 | Video coding standards |
|  | 19.3 | Audio coding standards |
|  | 19.4 | 3DG coding standards |
|  | 19.5 | Systems description coding standards |
|  | 19.6 | MPEG-21 standards |
|  | 19.7 | MPEG-A standards |
| 8 |  | Organisation of this meeting |
|  | 1 | Tasks for subgroups |
|  | 2 | Joint meetings |
|  | 3 | Room assignment |
| 9 |  | WG management |
|  | 1 | Terms of reference |
|  | 2 | Officers |
|  | 3 | Editors |
|  | 4 | Liaisons |
|  | 5 | Work item assignment |
|  | 6 | Ad hoc groups |
|  | 7 | Asset management |
|  | 7.1 | Reference software |
|  | 7.2 | Conformance |
|  | 7.3 | Test material |
|  | 7.4 | URI |
|  | 8 | IPR management |
|  | 9 | Facilities |
|  | 10 | Work plan and time line |
| 10 |  | Administrative matters |
|  | 1 | Schedule of future MPEG meetings |
|  | 2 | Promotional activities |
|  | 3 | Press release |
| 11 |  | Resolutions of this meeting |
| 12 |  | A.O.B. |
| 13 |  | Closing |