 ISO/IEC JTC 1/SC 29/WG 03 N1266

**ISO/IEC JTC 1/SC 29/WG 03  
MPEG Systems   
Convenorship: KATS (Korea, Republic of)**

**Document type:** Meeting

**Title:** List of WG 03 AHGs established at the 16th meeting

**Status:** Approved

**Date of document:** 2024-04-26

**Source:** ISO/IEC JTC 1/SC 29/WG 03

**No. of pages:** 9 (with cover page)

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**Committee URL:** <https://isotc.iso.org/livelink/livelink/open/jtc1sc29wg3>

**INTERNATIONAL ORGANIZATION FOR STANDARDIZATION**

**ORGANISATION INTERNATIONALE DE NORMALISATION**

**ISO/IEC JTC 1/SC 29/WG 3 MPEG SYSTEMS**

**ISO/IEC JTC 1/SC 29/WG 03 N1266**

**July 2024 – Sapporo, JP**

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| **Title** | **List of WG 03 AHGs established at the 16th meeting** |
| **Source** | **Convenor** |
| **Serial Number** | **24112** |

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| **Name** | **AhG on Carriage of Green Metadata** | | |
| **Mandates** | 1. Investigate uses and improvements of display power reduction metadata.  2. Study 23001-11 DAM 2 for new display power reduction metadata and solicit contributions to improve it.  3. Contribute to the development of ISO/IEC 23001-10 AMD 2 related to carriage of display adaptation metadata.  4. Work on and improve the text of consolidated text on carriage of green metadata. | | |
| **Chair(s)** | Edouard Francois (InterDigital), Christian Herglotz (BTU) | | |
| **Duration** | Until next MPEG meeting | | |
| **Reflector(s)** | gen-sys@lists.aau.at – use [green] in email header | | |
| **Subscribe** | http://lists.aau.at/mailman/listinfo/gen-sys | | |
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| **Meeting** | Several online sessions before the next MPEG meeting if necessary | Room Size |  |
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| **Name** | **AhG on Syntactic Description Language** | | |
| **Mandates** | - To review the open issues on MPEG Git and prepare relevant disposition  - To review exploration and solicit contribution to improve it.  - To solicit input on implementation guidelines and examples | | |
| **Chair(s)** | Youngkwon Lim | | |
| **Duration** | Until the 17th MPEG Systems WG meeting | | |
| **Reflector(s)** | gen-sys@lists.aau.at | | |
| **Subscribe** | http://lists.aau.at/mailman/listinfo/gen-sys | | |
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| **Meeting** |  | Room Size |  |
| - one conference call in the week of 9/9  - to be announced through the reflector |  | |

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| **Name** | **AhG on Omnidirectional MediA Format (OMAF)** | | |
| **Mandates** | 1) Study the agreed technical solutions which are incorporated in OMAF DAM on server-side dynamic adaptation and consider if any modifications are needed.  2) Study the TuC of OMAF.  3) Study the TuC of immersive media metrics.  4) Study requirements of MPEG-I phases 2 and 3 especially in relation to OMAF.  5) Maintain relationship with relevant SDOs (e.g., 3GPP SA4). | | |
| **Chair(s)** | Sachin Deshpande, Ye-Kui Wang, Youngkwon Lim | | |
| **Duration** | Until the next WG3 Meeting | | |
| **Reflector(s)** | gen-sys@lists.aau.at | | |
| **Subscribe** | http://lists.aau.at/mailman/listinfo/gen-sys | | |
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| **Meeting** | Before MPEG meeting with 2-week notice (if needed) | Room Size |  |
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| **Name** | **AhG on Smart Contracts for Media** | | |
| **Mandates** | 1. Solicit industry participation and contributions for ISO/IEC 23000-23 Decentralized Media Rights Application Format based on ISO/IEC 21000-23 Smart Contracts for Media taking into consideration the latest AI regulatory developments.  2. Study and solicit contributions (e.g., technologies and APIs) for ISO/IEC 23000-23 Decentralized Media Rights Application Format in the areas: a) Smart contracts and DLTs; b) Rights and metadata management; c) Content and creator IDs; and c) File formats and streaming protocols.  3. Enhance collaboration with liaisons (e.g., ISO/TC 307/WG3, ITU-T Q.22/SG16, INATBA, W3C DIDs, ISO/TC46/SC9/WG18 ISCC and EC) and conduct further dissemination activities (e.g., Digital Asset Management WG - Metaverse Standards Forum).  4. Study and improve the WD of ISO/IEC 23000-23 Decentralized Media Rights Application. | | |
| **Chair(s)** | Panos Kudumakis and Mirko Zichichi | | |
| **Duration** | Until the 148th MPEG meeting | | |
| **Reflector(s)** | smart-contracts@lists.aau.at | | |
| **Subscribe** | https://lists.aau.at/mailman/listinfo/smart-contracts | | |
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| **Meeting** | Biweekly calls starting Wed 31 July 2024, alternatively at 13:00 & 15:00 UTC (2 h) | Room Size |  |
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| **Name** | **AHG on Systems Technologies for Volumetric Media** | | |
| **Mandates** | 1. Study and solicit contributions to improve WD of 23090-10 2nd edition.  2. Study reference software and conformance for 23090-10 and 23090-18 and solicit contribution to improve them.  3. Discuss open issues in MPEG Git and propose recommended dispositions  4. Study commonalities among 23090-2, 23090-10 and 23090-18 and propose a plan to revise the specification to use common metadata definition in 23090-7 | | |
| **Chair(s)** | Youngkwon Lim, Lauri Ilola | | |
| **Duration** | until the 17th MPEG Systems WG meeting | | |
| **Reflector(s)** | gen-sys@lists.aau.at | | |
| **Subscribe** | http://lists.aau.at/mailman/listinfo/gen-sys | | |
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| **Meeting** |  | Room Size |  |
| - two conference call regarding mandate 1.  - to be announced through the reflector |  | |

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| **Name** | **AhG on Video Decoding Interface** | | |
| **Mandates** | 1. To study TuC and WD, and solicit contributions to improve it  2. To solicit implementation of VDI extension for OpenMAX, MSE, WebCodec, or Vulkan.  3. Communicate with 3GPP and Khronos on the API extensions and other relevant topics related to VDI | | |
| **Chair(s)** | Youngkwon Lim, Emmanuel Thomas, Thomas Stockhammer | | |
| **Duration** | Until the 17th MPEG Systems WG meeting | | |
| **Reflector(s)** | gen-sys@lists.aau.at | | |
| **Subscribe** | https://lists.aau.at/mailman/listinfo/gen-sys | | |
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| **Meeting** |  | Room Size |  |
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| **Name** | **AhG on MPEG DASH** | | |
| **Mandates** | 1. Study and prepare recommendations to address the 6th edition DIS 23009-1 (WG03N1300)  2. ⁠⁠Study and prepare recommendations to address the 2nd DIS of 23009-9 (WG03N1232)  3. ⁠⁠⁠Improve the Annex text for signaling DASH descriptors and attributes in ISOBMFF KindBox  4. ⁠⁠Study technologies under consideration (TuC; WG03N1301) and defects under investigation (DuI; WG03N1302)  5. Study the display attenuation maps in DASH’s preselection mechanism (m69043)  6. ⁠Continue to work on conformance and reference software | | |
| **Chair(s)** | Iraj Sodagar, Christian Timmerer, Ali C. Begen | | |
| **Duration** | Until the next MPEG meeting | | |
| **Reflector(s)** | dash@lists.aau.at | | |
| **Subscribe** | https://lists.aau.at/mailman/listinfo/dash | | |
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| **Meeting** | Two conference calls:  1. 18th of September, 8-10am PT  2. 18th of October, 8-10am PT | Room Size |  |
| Zoom link to be provided in MPEG caledar. |  | |

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| **Name** | **AhG on Application Formats** | | |
| **Mandates** | CMAF (Common Media Application Format)  1. Study the WD, and solicit further input  2. Solicit feedback on the open issues on GitHub and GitLab, in particular on Metadata Tracks  MIAF (Multi-Image Application Format)  3. Study the WD, and solicit further input  4. Solicit feedback on the open issues on GitLab  MeMAF (Messaging Application Format)  5. Study the requirements, working draft and solicit further input, in collaboration with 3GPP SA4.  6. Solicit feedback on the open issues on GitLab and GitHub | | |
| **Chair(s)** | Krasimir Kolarov; Cyril Concolato; Thomas Stockhammer | | |
| **Duration** | until 148th meeting | | |
| **Reflector(s)** | CMAF - mpeg-cmaf@lists.aau.at  MIAF, VIAF, MeMAF - mpeg-maf-dev@lists.aau.at | | |
| **Subscribe** | CMAF - https://lists.aau.at/mailman/listinfo/mpeg-cmaf  MIAF, VIMAF, MeMAF - https://lists.aau.at/mailman/listinfo/mpeg-maf-dev | | |
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| **Meeting** | AHG Meeting:  o Call Sept. 26, 2024 16:00 – 17:30 CET (14:00 - 15:30 UTC)  o F2F Nov. 03, 2024 10:00 - 12:00 Local time | Room Size |  |
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| **Name** | **AhG on MPEG File Formats** | | |
| **Mandates** | 1. Discuss and address the Github and Gitlab issues.  2. Support the groups using the file formats (including audio, DASH, CMAF, OMAF, MIAF, V3C systems, Haptics, NBMP et al.)  3. Study the Technologies under Consideration, including to propose trimming of outdated proposals, and Working Draft documents and propose improvements. Study the defect reports and propose corrigendum text.  4. Study the proposed clarifications on the definition of brands and the use of versions, particularly in the ISO base media file format, and suggest improvements.  5. Maintain and update the conformance streams, reference software, white papers and one-pagers, and registration authority, as needed. Study whether conformance checking can be (maybe partially) automated, and how the specifications and conformance can be managed as a coordinated workflow. Study the license of the reference software and possible change of license or alternatives.  6. Study processes to improve cross-verification of MPEG file format standards and continue the discussion on m60397  7. Study the extension to the codecs parameter for NALU-based tracks | | |
| **Chair(s)** | Cyril Concolato and Miska Hannuksela | | |
| **Duration** | Until next meeting | | |
| **Reflector(s)** | mp4-sys@lists.aau.at  https://github.com/MPEGGroup/FileFormat | | |
| **Subscribe** | https://lists.aau.at/mailman/listinfo/mp4-sys | | |
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| **Meeting** | • Online meeting on Codecs Parameter and Layered HEVC (Sept between 3rd and 10th (included))  • Online meeting on Signaling Common Encryption features through brands (early Oct)  • Online meeting on DASH/CMAF/FF (end of Sept) | Room Size |  |
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| **Name** | **AHG on MPEG-I Scene Description and Avatar Representation Formats** | | |
| **Mandates** | 1. Work with the audio group WG06 on progressing the integration of MPEG-I audio into the MPEG-I SD  2. Progress the work as agreed taking into account the technologies in the TuC in WG03\_N1208  3. Progress the standardization process for Avatar based on the procedures in WG03\_N1316 including the collection of Test Scenarios and Test Assets.  4. Solicit input for the WD of Avatar Representation Formats, including exchange format compatibility with deployed proprietary formats, representation formats, storage formats, animation data and additional functionalities.  5. Dispose issues in internal and public git environment  6. Collect/coordinate test assets that support the development of the MPEG-I Scene description.  7. Create conformance files to be shared with the FF group  8. Submit the Second Edition extensions to Khronos  9. Work on conformance and reference software based on procedures  10. Extend the Gltf validator to address the MPEG\_ extensions, and follow up with Khronos to integrate our reference software to https://github.com/KhronosGroup/glTF-Validator  11. Collect information on ongoing scene description related work in the promote MPEG-I Scene Description, in particular to Khronos, Metaverse Standards Forum, 5G-MAG and 3GPP  12. Solicit input on 3D scene generation using Generative AI, including use cases, existing workflows and technologies, and work in other organizations  13. Collect scenarios, test assets, and select Phase 3 requirements in scope of XR Spatial Computing of real environment and collaborate with 3GPP as needed. | | |
| **Chair(s)** | Thomas Stockhammer (tsto@qti.qualcomm.com)  Mary-Luc Champel (champelmaryluc@xiaomi.com)  Gaëlle Martin-Cocher (Gaelle.Martin-Cocher@InterDigital.com) | | |
| **Duration** | Until MPEG#148 | | |
| **Reflector(s)** | mpeg-i-scene@lists.aau.at | | |
| **Subscribe** | https://lists.aau.at/mailman/listinfo/mpeg-i-scene    Please check gitlab discussions here:  https://git.mpeg.expert/MPEG/Systems/SceneDescription/MPEG-Contributions/-/issues  Please check public github discussions here:  https://github.com/MPEGGroup/Scene-Description | | |
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| **Meeting** | AHG Meetings  • Call: Monday September 9, 2024 13:30 – 15:00 UTC (15:30 – 17:00 CEST)  o From 15:15 UTC onwards WG06 joins for Audio.  o Additional participation of WG06 will be discussed during this slot  • Call: Monday October 7, 2024 13:30 – 15:00 UTC (15:30 – 17:00 CEST)  • F2f: Sunday November 3, 2024 13:00 – 18:00 local  Note:  • 3GPP SA4#128, August 19 – 23, 2024 (online)  • Thomas vacation August 1 – 4, August 24 – Sep 3  • IBC, Sep 13 - 16, 2024 (Amsterdam)  • MPEG#148, November 4-8, 2024, Antalya, Turkey  Logistics  • Zoom: http://iso.zoom.us/my/stockhammer, Passwd as of MPEG#147  • Chairs create issues in gitlab to collect comments.  • If MPEG#148 repository is not yet available, use MPEG#147 repository.  Calendar  - Subscription link for MPEG AHG Calls: http://mpeg.expert/live/nextcloud/remote.php/dav/public-calendars/HAwkATGsmc5bN3Qy?export  - Public link for MPEG AHG Calls http://mpeg.expert/live/nextcloud/index.php/apps/calendar/p/HAwkATGsmc5bN3Qy | Room Size | 40 |
|  | 40 | |

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| **Name** | **AhG on Font Format** | | | |
| **Mandates** | 1. Review the text of the Committee Draft of ISO/IEC 14496-22 5th edition (WG03N01187) and prepare and submit CD comments via members’ National Bodies. | | | |
| **Chairmen** | Vladimir Levantovsky (Type Standards) | | | |
| **Duration** | Until next meeting | | | |
| **Reflector(s)** | mpeg-otspec@lists.aau.at; https://github.com/MPEGGroup/OpenFontFormat | | | |
| **Subscribe** | https://lists.aau.at/mailman/listinfo/mpeg-otspec | | | |
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| **Meeting** | Zoom conference call may be held, if necessary (detailed information will be posted to the AHG reflector) | Room Size |  |
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