 ISO/IEC JTC 1/SC 29/WG 03 N1540

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

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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 N1540**

**July 2025 – Daejeon, KR**

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| **Title** | **List of WG 03 AHGs established at the 20th meeting** |
| **Source** | **Convenor** |
| **Serial Number** | **25287** |

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| **Name** | **AhG on Carriage of Green Metadata** | | |
| **Mandates** | 1. continue to consolidate and improve of ISO/IEC 23001-11 Ed.3 AMD2  2. continue to consolidate and improve of ISO/IEC 23001-19 Carriage of green metadata  3. study the transport of MPEG-GREEN Access Units over MPEG-2 systems (ISO/IEC 13818-1 aka. Rec. ITU-T H.222.0) and solicit contributions that improve ISO/IEC JTC 1/SC 29/WG 3/N 1517 | | |
| **Chair(s)** | Olivier Le Meur, Christian Herglotz | | |
| **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 Font Format** | | |
| **Mandates** | 1. Explore and propose potential future changes and updates to the text of OFF 5th edition. | | |
| **Chair(s)** | 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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| **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, ITU-T SG21, INATBA, W3C DIDs, ISCC, AMAS 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 152nd 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 16 July 2025, alternatively at 13:00 & 15:00 UTC (2 h) | Room Size |  |
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| **Name** | **AHG on Syntactic Description Language** | | |
| **Mandates** | - To review WD and TuC and solicit contribution to improve the 2nd edition of ISO/IEC 14496-34.  - To execute the workplan on reference software and conformance | | |
| **Chair(s)** | Youngkwon Lim | | |
| **Duration** | Until the 21st 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** | * a conference call in mid-September * details will be announced through the reflector | Room Size |  |
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| **Name** | **AHG on Systems Technologies for Volumetric Media** | | |
| **Mandates** | 1. Study and solicit contributions to improve CD and TuC of 23090-10 2nd edition.  2. Discuss open issues in MPEG Git and propose recommended dispositions | | |
| **Chair(s)** | Youngkwon Lim, Lauri Ilola | | |
| **Duration** | until the 21st 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** | - F2F meeting on Sunday before the meeting  - details will be announced through the reflector | Room Size | 20 |
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| **Name** | **AHG on Systems technologies for media coding for machine standards** | | |
| **Mandates** | - To study VCM, FCM and ACoM and solicit contributions on systems' technologies to support them.  - To support other WGs on evaluating the questions related to bitstream structure design of such technologies | | |
| **Chair(s)** | Jin Young Lee, Sachin Deshpande, Youngkwon Lim | | |
| **Duration** | until the next MPEG meeting | | |
| **Reflector(s)** | gen-sys@lists.aau.at | | |
| **Subscribe** | http://lists.aau.at/mailman/listinfo/gen-sys | | |
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| **Meeting** | no meeting | Room Size |  |
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| **Name** | **AHG on exploration on media type independent metadata** | | |
| **Mandates** | - to study exploration document (WG03N1564) and solicit contributions to improve it.  - to study bitstream structure of the recent MPEG audio standards and solicit contributions on carrying application specific metadata in audio AU. | | |
| **Chair(s)** | Emmanuel Thomas, Imed Bouazizi, Youngkwon Lim | | |
| **Duration** | until the next MPEG meeting | | |
| **Reflector(s)** | gen-sys@lists.aau.at | | |
| **Subscribe** | http://lists.aau.at/mailman/listinfo/gen-sys | | |
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| **Meeting** | - a conference call  - details to be announced through the reflector | Room Size |  |
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| **Name** | **AhG on MPEG DASH** | | |
| **Mandates** | 1. Study and collect proposals for advancing the Part 1 AMD PD(WG03NXXXX) and WD of Part 7 (WG0NXXXX)  2. Study technologies under consideration (TuC; WG03N1545) and defect under investigation (DuI; WG03N1475)  3. Provide a white paper draft describing the 6th edition new features and how they can be used for various applications.  4. Continue to work on conformance and reference software | | |
| **Chair(s)** | Iraj Sodagar, 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** | Calls: | Room Size |  |
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| **Name** | **AhG on media authenticity and provenance indication with the MPEG Systems technologies** | | |
| **Mandates** | 1. Study the existing MPEG ISOBMFF and DASH standards and identify the subset of requirements of WG03N1516 that are already addressed by these standards, and identify gaps.  2. Study existing non-MPEG standards, and identify the subset of requirements of WG03N1516 that are already addressed by these standards, and identify gaps.  3. Define media authenticity workflows for WG03N1516 use cases identifying the process by various actors and entities, and required functionalities and interfaces between them. | | |
| **Chair(s)** | Iraj Sodagar, Youngkwon Lim | | |
| **Duration** | Until the 20th 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** | Conference call:  Sept 9, 17-18 UTC.  Sept 23, 17-18 UTC.  zoom link: https://iso.zoom.us/my/sodagar  Password can be found on the mpeg calendar. | Room Size |  |
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| **Name** | **AhG on File Formats** | | |
| **Mandates** | 1. Discuss and address the Github and Gitlab issues.  2. Support the groups using the file formats (including audio, DASH, CMAF, MIAF, V3C systems, Haptics, et al.)  3. Study the Technologies under Consideration 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.  6. Study the storage of layered tracks and mixed codecs in a single track, in particular how sample entry boxes and other structures apply  7. Investigate solutions for signaling encryptions options and for improving the robustness of encryption methods  8. Investigate how to update the specifications to use the latest SDL standard  9. Study possible harmonization between technologies in 23001-17 and 23008-12 regarding color and component information | | |
| **Chair(s)** | Cyril Concolato (Netflix) and Miska Hannuksela (Nokia) | | |
| **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** | * a hybrid meeting in August * details to be announced through the reflector | 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 legacy and MPEG-I audio into the MPEG-I SD and the MSF white paper on Audio for the Metaverse  2. Progress the work on MPEG-I Scene Description taking into account the technologies in the DAM1 of Amd.1 WG03\_N1573 and the TuC in WG03\_N1548.  3. Progress the standardization process for Avatar Representation formats taking into account the technologies in the DIS in WG03\_N1591 and the EE description in WG03\_N1569  4. Dispose issues in internal and public git environment  5. Collect/coordinate test assets that support the development of the MPEG-I Scene description and Avatar Representation Formats  6. Create conformance files to be shared with the FF group and generate sample files, test writers and readers  7. Work on conformance and reference software based on procedures in WG03\_1553.  8. Identify collaboration and open issues related to Khronos  a) 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  b) Submit the Second Edition extensions to Khronos and ensure the adoption in Khronos  c) Identify overlapping extensions  9. Collect information on ongoing scene description related work and promote MPEG-I Scene Description and Avatar Representation Formats, in particular to Khronos, Metaverse Standards Forum, 5G-MAG and 3GPP, including white paper, demos at MPEG#152 and the IBC paper.  10. Collaborate with WG07 on Animation Compression  11. Solicit contributions on future work topics for scene description, including scope, timeline and interest based on procedures in WG03\_N1549. | | |
| **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#152 | | |
| **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 July 28, 2025 13:30 – 14:30 UTC (15:30 – 16:30 CEST)  • Call: Monday Sep 2, 2025 14:00 – 16:00 UTC (16:00 – 18:00 CEST)  • hybrid: Monday October 6, 2025 16:00 – 18:00 CEST (local Geneva)  Note:  • AHG meeting for WG07 Avatar Compression  o Call: Monday July 28, 2025 14:30 – 15:30 UTC (16:30 – 17:30 CEST)  o Call: Monday Sep 2, 2025 14:00 – 16:00 UTC (16:00 – 18:00 CEST)  o F2f: Monday October 6, 2025 16:00 – 18:00 CEST (local Geneva)  • 3GPP SA4#133-e, July 18 - 25, 2025, online  • MPEG#152, October 7 – 11, 2025, Geneva, Switzerland  Logistics  • Zoom: http://iso.zoom.us/my/stockhammer, Passwd as of MPEG#151  • Chairs create issues in gitlab to collect comments.  • If MPEG#152 repository is not yet available, use MPEG#151 repository.  Calendar  - Subscription link for MPEG AHG Calls: https://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 Application Formats** | | |
| **Mandates** | 0. Study integration of MV-HEVC in application formats  CMAF (Common Media Application Format)  1. Study the Updated DIS, and solicit further input  2. Study the TuC on CMAF and solicit input  3. Solicit feedback on the open issues on GitHub and GitLab.  MIAF (Multi-Image Application Format)  4. Study the TuC, and solicit input  5. Solicit feedback on the open issues on GitLab  MeMAF (Messaging Application Format)  6. Study the requirements, working draft and solicit further input, in collaboration with 3GPP SA4.  7. Solicit feedback on the open issues on GitLab and GitHub | | |
| **Chair(s)** | Krasimir Kolarov; Cyril Concolato; Thomas Stockhammer | | |
| **Duration** | until 152nd meeting | | |
| **Reflector(s)** | CMAF - mpeg-cmaf@lists.aau.at  MIAF, MeMAF - mpeg-maf-dev@lists.aau.at | | |
| **Subscribe** | CMAF - https://lists.aau.at/mailman/listinfo/mpeg-cmaf  MIAF, MeMAF - https://lists.aau.at/mailman/listinfo/mpeg-maf-dev | | |
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| **Meeting** | No AhG meeting | Room Size |  |
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