Requirements Subgroup Schedule V3

112th Meeting Baltic II (3rd Floor)

# Mailing List

|  |  |  |
| --- | --- | --- |
| **Topic** | **Information** | **Kindly Hosted by** |
| **Requirements** | Reflector : REQUIREMENTS-TNT@listserv.uni-hannover.de  Subscribe: https://listserv.uni-hannover.de/cgi-bin/wa?A0=REQUIREMENTS-TNT | **Leibniz Universität Hannover** |

# Tasks

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Group** | **Std** | **Pt** | **E/A** | **Title** |
| Requirements | 7 |  |  | Compact Descriptors for Video Analysis |
|  | DA |  |  | Various exploration |
|  | H |  | A? | WCG, HDR |
|  | V |  |  | MioT – MPEG wearable |
|  | ? |  |  | FTV |
|  |  |  |  | Content Sharing MAF |
|  | Exp |  |  | Future video coding |
|  |  |  |  | Genome compression |
|  |  |  |  | Media orchestration |

# Joint Meetings

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Groups** | **What** | **Day** | **Time1** | **Time2** | **Where** |
| 3, S | MioT/wearables | Tue | 09:00 | 16:00 | 3 |
| A, S | Systens data carriage in 3D Audio | Tue | 14:00 | 15:00 | A |
| A, S | 3D Audio and MPEG-4 FF | Tue | 15:00 | 15:30 | A |
| V, R, VC, VCEG | SCC, HDR | Mon | 16:30 | 18:00 | VC |
| S, V, VC | Resolution adaptation in DASH | Tue | 17:30 | 18:00 | V |
| S, A | 3D Audio in MPEG-2 TS | Tue | 12:30 | 13:00 | S |

# Press Release

|  |  |
| --- | --- |
| **Group** | **News item** |
| Requirements | HDR CfE |

# National Bodies

Dissolved

# Liaisons

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Source** | **Title** | **GR** |
|  |  |  |  |
|  |  |  |  |

# Monday

## 14:00-14:15 Plenary

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| [Number](http://wg11.sc29.org/doc_end_user/current_meeting.php?id_meeting=164&type_order=0&sql_type=document_number) | [Group SubGroup](http://wg11.sc29.org/doc_end_user/current_meeting.php?id_meeting=164&type_order=0&sql_type=document.id_sub_group) | [Title](http://wg11.sc29.org/doc_end_user/current_meeting.php?id_meeting=164&type_order=0&sql_type=title) | [Source](http://wg11.sc29.org/doc_end_user/current_meeting.php?id_meeting=164&type_order=0&sql_type=authors) | |  |  | | --- | --- | | [Download[http://wg11.sc29.org/Templates/Download.png](javascript:%20submitform())](javascript:%20submitform()) |  | |
| [m36166](http://wg11.sc29.org/doc_end_user/current_document.php?id=52171&id_meeting=164) | All Requirements | Requirements for Media Orchestration | [Rob Koenen (editor)](mailto:rob.koenen@tno.nl) | |  |  | | --- | --- | | [m36166 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36166-v1-m36166-MediaOrchestrationRequirements.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36166-v1-m36166-MediaOrchestrationRequirements.zip) |  | |
| [m36169](http://wg11.sc29.org/doc_end_user/current_document.php?id=52174&id_meeting=164) | All Requirements | On Light-field Cameras using the Example of Lytro Illum | [Holger Meuel](mailto:meuel@tnt.uni-hannover.de), [Stephan Preihs](mailto:preihs@tnt.uni-hannover.de), [Jörn Ostermann](mailto:office@tnt.uni-hannover.de) | |  |  | | --- | --- | | [m36169 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36169-v2-m36169.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36169-v2-m36169.zip) |  | |
| [m36176](http://wg11.sc29.org/doc_end_user/current_document.php?id=52181&id_meeting=164) | All Requirements | Notes of face to face meeting of AHG on HDR and WCG in Lausanne | [Ajay Luthra](mailto:Ajay.Luthra@arris.com), [Edouard Francois](mailto:Edouard.Francois@technicolor.com), [Walt Husak](mailto:WJH@dolby.com) | |  |  | | --- | --- | | [m36176 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36176-v1-m36176HDRWCGAHGMeetingnotesv2.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36176-v1-m36176HDRWCGAHGMeetingnotesv2.zip) |  | |
| [m36181](http://wg11.sc29.org/doc_end_user/current_document.php?id=52186&id_meeting=164) | All Requirements | Use Case Scenario of Self-adaptive Multimedia Application for Wearable MPEG | [Sunghan Kim](mailto:sh-kim@etri.re.kr), [Young-Joo Kim](mailto:kr.yjkim@etri.re.kr), | |  |  | | --- | --- | | [m36181 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36181-v1-m36181_WearableAdaptiveSWF_UseCase-r1.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36181-v1-m36181_WearableAdaptiveSWF_UseCase-r1.zip) |  | |
| [m36241](http://wg11.sc29.org/doc_end_user/current_document.php?id=52246&id_meeting=164) | All Requirements | Selective Encryption in Video Streams | [cyril bergeron](mailto:cyril.bergeron@thalesgroup.com), [Wassim Hamidouche](mailto:Wassim.Hamidouche@insa-rennes.fr), [Sebastien lecomte](mailto:Sebastien.lecomte@thalesgroup.com) | |  |  | | --- | --- | | [m36241 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36241-v2-m36241-cypher-SL-3.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36241-v2-m36241-cypher-SL-3.zip) |  | |
| [m36246](http://wg11.sc29.org/doc_end_user/current_document.php?id=52251&id_meeting=164) | MPEG-7 Requirements | RAI Dataset for CDVA: Monuments of Italy | [Daniele BUZZI](mailto:daniele.buzzi@rai.it), [Angela Maria DE CRISTOFARO](mailto:angelamaria.decristofaro@rai.it), [Grazia DE SANTIS](mailto:grazia.desantis@rai.it), [Alberto MESSINA](mailto:alberto.messina@rai.it), [Giacomo PERROZZI](mailto:giacomo.perrozzi@rai.it), [Silvia PROSCIA](mailto:silvia.proscia@rai.it), | |  |  | | --- | --- | | [m36246 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36246-v1-M36246_MonumentsOfItaly.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36246-v1-M36246_MonumentsOfItaly.zip) |  | |
| [m36264](http://wg11.sc29.org/doc_end_user/current_document.php?id=52269&id_meeting=164) | All Requirements | Response to Call for Evidence for HDR and WCG Video Coding: Arris, Dolby and InterDigital | D. Baylon, Z. Gu, [A. Luthra](mailto:Ajay.Luthra@arris.com), K. Minoo (Arris), [P. Yin](mailto:pyin@dolby.com), F. Pu, T. Lu, T. Chen, [W. Husak (Dolby)](mailto:wjh@dolby.com), Y. He, L. Kerofsky, [Y. Ye](mailto:Yan.Ye@InterDigital.com), B. Yi (InterDigital), | |  |  | | --- | --- | | [m36264 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36264-v1-m36264_ADI_HDR_CfE.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36264-v1-m36264_ADI_HDR_CfE.zip) |  | |
| [m36358](http://wg11.sc29.org/doc_end_user/current_document.php?id=52363&id_meeting=164) | MPEG-H Requirements | ATSC Liaison on HDR |  |  |
| [m36372](http://wg11.sc29.org/doc_end_user/current_document.php?id=52377&id_meeting=164) | MPEG-H Requirements | Updated report on performance of hierarchical lossless HEVC profiles | [K. Takeuchi](mailto:t.kenshiro@jp.fujitsu.com), [K. Kazui](mailto:kazui.kimihiko@jp.fujitsu.com), [G. Barroux (Fujitsu)](mailto:guillaume.b@jp.fujitsu.com) | |  |  | | --- | --- | | [m36372 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36372-v3-m36372_UpdatedreportonperformanceofhierarchicallosslessHEVCprofiles_r2.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36372-v3-m36372_UpdatedreportonperformanceofhierarchicallosslessHEVCprofiles_r2.zip) |  | |
| [m36373](http://wg11.sc29.org/doc_end_user/current_document.php?id=52378&id_meeting=164) | MPEG-H Requirements | Description of proposed HEVC hierarchical lossless profiles | [K. Takeuchi](mailto:t.kenshiro@jp.fujitsu.com), [K. Kazui](mailto:kazui.kimihiko@jp.fujitsu.com), [G. Barroux (Fujitsu)](mailto:guillaume.b@jp.fujitsu.com) | |  |  | | --- | --- | | [m36373 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36373-v2-M36373_DescriptionofproposedHEVChierarchicallosslessprofiles.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36373-v2-M36373_DescriptionofproposedHEVChierarchicallosslessprofiles.zip) |  | |
| [m36374](http://wg11.sc29.org/doc_end_user/current_document.php?id=52379&id_meeting=164) | MPEG-H Requirements | Medical industry requirements for new HEVC profiles | [K. Takeuchi](mailto:t.kenshiro@jp.fujitsu.com), [K. Kazui](mailto:kazui.kimihiko@jp.fujitsu.com), [G. Barroux (Fujitsu)](mailto:guillaume.b@jp.fujitsu.com) | |  |  | | --- | --- | | [m36374 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36374-v1-M36374-MedicalindustryrequirementsfornewHEVCprofiles.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36374-v1-M36374-MedicalindustryrequirementsfornewHEVCprofiles.zip) |  | |
| [m36393](http://wg11.sc29.org/doc_end_user/current_document.php?id=52398&id_meeting=164) | All Requirements | Turin buildings: a dataset for CDVA | Skjalg Lepsoy, Massimo Balestri, Gianluca Francini (Telecom Italia) | |  |  | | --- | --- | | [m36393 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36393-v2-m36393.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36393-v2-m36393.zip) |  | |
| [m36405](http://wg11.sc29.org/doc_end_user/current_document.php?id=52410&id_meeting=164) | All Requirements | Some application scenarios for privacy and security requirements on genome usage, compression, transmission and storage | [Jaime Delgado](mailto:jaime.delgado@ac.upc.edu), [Silvia Llorente](mailto:silviall@ac.upc.edu) | |  |  | | --- | --- | | [m36405 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36405-v1-m36405-genome-privacy-DMAG-UPCv2-3.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36405-v1-m36405-genome-privacy-DMAG-UPCv2-3.zip) |  | |
| [m36439](http://wg11.sc29.org/doc_end_user/current_document.php?id=52444&id_meeting=164) | All Requirements | Annotated datasets and distractor videos for CDVA | [Werner Bailer](mailto:werner.bailer@joanneum.at), [Stefanie Wechtitsch](mailto:stefanie.wechtitsch@joanneum.at), [Marcus Thaler](mailto:marcus.thaler@joanneum.at) | |  |  | | --- | --- | | [m36439 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36439-v1-m36439_Dataset_distractors_CDVA.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36439-v1-m36439_Dataset_distractors_CDVA.zip) |  | |
| [m36451](http://wg11.sc29.org/doc_end_user/current_document.php?id=52456&id_meeting=164) | MPEG-7 Requirements | PKU's Data Contribution for CDVA | [Xiaohe Zhang](mailto:xiaohe_zhang@pku.edu.cn), [Ling-Yu Duan](mailto:lingyu@pku.edu.cn), [Jie Chen](mailto:cjie@pku.edu.cn), [Tiejun Huang](mailto:tjhuang@pku.edu.cn), [Wen Gao](mailto:wgao@pku.edu.cn), | |  |  | | --- | --- | | [m36451 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36451-v1-m36451.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36451-v1-m36451.zip) |  | |
| [m36488](http://wg11.sc29.org/doc_end_user/current_document.php?id=52493&id_meeting=164) | All Requirements | [FTV AHG] The head mounted display application for Free-viewpoint video service | [Gun Bang(ETRI)](mailto:gbang@etri.re.kr), [Jinyoung Lee(Locus Corp.)](mailto:jylee1@locus.com), [Gwhang soon Lee(ETRI)](mailto:gslee@etri.re.kr), Nam Ho Hur(ETRI) | |  |  | | --- | --- | | [m36488 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36488-v3-m36488_rev3.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36488-v3-m36488_rev3.zip) |  | |
| [m36510](http://wg11.sc29.org/doc_end_user/current_document.php?id=52515&id_meeting=164) | All Requirements | ICoSOLE use cases for media orchestration | [Christian Timmerer](mailto:christian.timmerer@itec.uni-klu.ac.at), (on behalf of ICoSLE consortium) | |  |  | | --- | --- | | [m36510 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36510-v2-m36510.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36510-v2-m36510.zip) |  | |
| [m36565](http://wg11.sc29.org/doc_end_user/current_document.php?id=52570&id_meeting=164) | All Requirements | [FTV AHG] Freeview Navigation (FN) anchor generation using 3D-HEVC with depth for "poznan blocks" sequence | Marek Domanski, [Krzysztof Wegner](mailto:kwegner@multimedia.edu.pl), [Olgierd Stankiewicz](mailto:ostank@multimedia.edu.pl), Krzysztof Klimaszewski, Adrian Dziembowski, Dawid Mieloch, Adam Grzelka | |  |  | | --- | --- | | [m36565 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36565-v1-m36565_anchor.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36565-v1-m36565_anchor.zip) |  | |
| [m36566](http://wg11.sc29.org/doc_end_user/current_document.php?id=52571&id_meeting=164) | All Requirements | Super-multiview Light-field images from Poznan University of Technology | Marek Domanski, [Krzysztof Klimaszewski](mailto:kklima@multimedia.edu.pl), Maciej Kurc, [Olgierd Stankiewicz](mailto:ostank@multimedia.edu.pl), [Krzysztof Wegner](mailto:kwegner@multimedia.edu.pl), | |  |  | | --- | --- | | [m36566 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36566-v2-m36566_Lightfield_2.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36566-v2-m36566_Lightfield_2.zip) |  | |
| [m36569](http://wg11.sc29.org/doc_end_user/current_document.php?id=52574&id_meeting=164) | All Requirements | [FTV AHG] Video and depth multiview test sequences acquired with circular camera arrangement – “Poznan Service” and | Marek Domanski, Adrian Dziembowski, Tomasz Grajek, Maciej Kurc, Adam Luczak, Dawid Mieloch, Jakub Siast, [Olgierd Stankiewicz](mailto:ostank@multimedia.edu.pl), [Krzysztof Wegner](mailto:kwegner@multimedia.edu.pl), | |  |  | | --- | --- | | [m36569 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36569-v2-m36569_Poznan_Sequences_2.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36569-v2-m36569_Poznan_Sequences_2.zip) |  | |
| [m36580](http://wg11.sc29.org/doc_end_user/current_document.php?id=52585&id_meeting=164) | All Requirements | [FTV AHG] Final Draft Call for Evidence on FTV | [Gauthier Lafruit](mailto:gauthier.lafruit@ulb.ac.be), [Krzysztof Wegner](mailto:kwegner@multimedia.edu.pl), [Masayuki Tanimoto](mailto:tanimoto.masayuki@c.mbox.nagoya-u.ac.jp) | |  |  | | --- | --- | | [m36580 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36580-v2-FinalDraftCfPofFTV.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36580-v2-FinalDraftCfPofFTV.zip) |  | |
| [m36590](http://wg11.sc29.org/doc_end_user/current_document.php?id=52595&id_meeting=164) | All Requirements | FTV software user guidelines | [Gauthier Lafruit](mailto:gauthier.lafruit@ulb.ac.be), [Krzysztof Wegner](mailto:kwegner@multimedia.edu.pl), [Tomasz Grajek](mailto:tgrajek@multimedia.edu.pl), [Takanori Senoh](mailto:senoh@nict.go.jp), [Kovacs Peter Tamas](mailto:p.kovacs@holografika.com), [Patrik Goorts](mailto:patrik.goorts@uhasselt.be), [Lode Jorissen](mailto:lode.jorissen@uhasselt.be), [Beerend Ceulemans](mailto:bceulema@etro.vub.ac.be), [Pablo Carballeira Lopez](mailto:pcl@gti.ssr.upm.es), [Sergio García Lobo](mailto:sgl@gti.ssr.upm.es), [Qing Wang](mailto:wqxz@zju.edu.cn), [Joël Jung](mailto:Joel.Jung@b-com.com), [Masayuki Tanimoto](mailto:tanimoto@nagoya-u.jp) | |  |  | | --- | --- | | [m36590 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36590-v3-m36590_FTV_3.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36590-v3-m36590_FTV_3.zip) |  | |
| [m36600](http://wg11.sc29.org/doc_end_user/current_document.php?id=52605&id_meeting=164) | All Requirements | On HDR Objective Metrics and Subjective Evaluation | [Z. Gu](mailto:Zhouye.Gu@arris.com), [D. Baylon](mailto:david.baylon@arris.com), [K. Minoo](mailto:koohyar.minoo@arris.com), [A. Luthra](mailto:Ajay.Luthra@arris.com) | |  |  | | --- | --- | | [m36600 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36600-v1-m36600.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36600-v1-m36600.zip) |  | |
| [m36615](http://wg11.sc29.org/doc_end_user/current_document.php?id=52620&id_meeting=164) | All Requirements | Preliminary study on HDR-VDP-2 for HDR/WCG | S. Daly, [T. Lu](mailto:tlu@dolby.com), W. Husak (Dolby), [L. Kerofsky (InterDigital)](mailto:Louis.Kerofsky@InterDigital.com) | |  |  | | --- | --- | | [m36615 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36615-v1-m36615_HDRVDP2_study.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36615-v1-m36615_HDRVDP2_study.zip) |  | |
| [m36619](http://wg11.sc29.org/doc_end_user/current_document.php?id=52624&id_meeting=164) | MPEG-A Requirements | Contribution to WD of Adaptive Screen Content Sharing AF | [Xin Wang](mailto:xin.huawei.wang@huawei.com) | |  |  | | --- | --- | | [m36619 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36619-v1-m36619-ContributiontoWDofAdaptiveScreenContentSharingAF.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36619-v1-m36619-ContributiontoWDofAdaptiveScreenContentSharingAF.zip) |  | |
| [m36643](http://wg11.sc29.org/doc_end_user/current_document.php?id=52648&id_meeting=164) | All Requirements | [FTV-AhG] Pantomime anchor coding results | [Kazuhiro Hara](mailto:hara.k-mg@nhk.or.jp), Jun Arai, Tomoyuki Mishina | |  |  | | --- | --- | | [m36643 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36643-v1-m36643-v1-M36643-v1FTVAHGPantomimeanchorcodingresults.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36643-v1-m36643-v1-M36643-v1FTVAHGPantomimeanchorcodingresults.zip) |  | |
| [m36739](http://wg11.sc29.org/doc_end_user/current_document.php?id=52744&id_meeting=164) | MPEG-H Requirements | Disney Content License | Mike DeValue | |  |  | | --- | --- | | [m36739 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36739-v1-m36739.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36739-v1-m36739.zip) |  | |
| [m36740](http://wg11.sc29.org/doc_end_user/current_document.php?id=52745&id_meeting=164) | MPEG-H Requirements | Blu-ray Format Extension Video Parameters | Mike Devalue | |  |  | | --- | --- | | [m36740 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36740-v1-m36740.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36740-v1-m36740.zip) |  | |
| [m36765](http://wg11.sc29.org/doc_end_user/current_document.php?id=52770&id_meeting=164) | MPEG-7 Requirements | Visual Atoms Contribution to CDVA Datasets | Stavros Paschalakis, Kevin Jouneau | |  |  | | --- | --- | | [m36765 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36765-v1-m36765.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36765-v1-m36765.zip) |  | |
| [m36773](http://wg11.sc29.org/doc_end_user/current_document.php?id=52778&id_meeting=164) | MPEG-A Requirements | Report of the AhG on Screen Sharing AF | [Xin Wang](mailto:xin.huawei.wang@huawei.com) | |  |  | | --- | --- | | [m36773 [http://wg11.sc29.org/Templates/Download.png](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36773-v1-M36773AdhocGroupReportonScreenSharingAF.zip)](http://wg11.sc29.org/doc_end_user/documents/112_Warsaw/wg11/m36773-v1-M36773AdhocGroupReportonScreenSharingAF.zip) |  | |
| [m36811](http://wg11.sc29.org/doc_end_user/current_document.php?id=52816&id_meeting=164) | All Requirements | AHG on HDR and WCG | Convenor |  |
| [m36812](http://wg11.sc29.org/doc_end_user/current_document.php?id=52817&id_meeting=164) | All Requirements | AHG on FTV (Free-viewpoint Television) | Convenor |  |
| [m36813](http://wg11.sc29.org/doc_end_user/current_document.php?id=52818&id_meeting=164) | All Requirements | AHG on Compact Descriptors for Video Analysis | Convenor |  |
| [m36814](http://wg11.sc29.org/doc_end_user/current_document.php?id=52819&id_meeting=164) | MPEG-A Requirements | AHG on Screen Sharing Application Format | Convenor |  |
| [m36815](http://wg11.sc29.org/doc_end_user/current_document.php?id=52820&id_meeting=164) | All Requirements | AHG on Requirements on Genome Compression and Storage | Convenor |  |
| [m36816](http://wg11.sc29.org/doc_end_user/current_document.php?id=52821&id_meeting=164) | All Requirements | AHG on Media Orchestration | Convenor |  |
| [m36817](http://wg11.sc29.org/doc_end_user/current_document.php?id=52822&id_meeting=164) | All Requirements | AHG on Media-centric Internet of Things (MIoT) and MPEG Wearable | Convenor |  |

**Goals for the week:**

FTV (timeline review 2 years), CfE 1 meeting cycles

CDVA CfP, 2 meeting cycles

HDR WCG CfE Results

Genome compression: Time plane, Draft CfE

Media-centric Internet of Things , Wearable MPEG -> 3DG

Media Orchestration: C&O, Req, Joint meeting Wed, Sys standards

Content Sharing MAF: Final Req

Future Video Coding: Time line

Profile for HEVC

|  |
| --- |
| AHG on Support of HDR and WCG |
| AHG on FTV (Free-viewpoint Television) |
| AHG on Compact Descriptors for Video Analysis |
| AHG on Media-centric Internet of Things (MIoT) |
| AHG on Requirements on Genome Compression and Storage |
| AhG on Media Orchestration |
| AHG on wearable MPEG |

## 14:00 Plenary

## 14:15-15:00 Genome Compression

Workplan:

Review of existing solutions, CfE?, …, CfP  
Collaboration with other SDO

WHO Liaison Request Requirements  
TC-276, TC-215 Liaison Request Requirements

m36405: Privacy and security rules for genome, update to Requirements

m36282: Tools for compression:

m36257: Compression results of current tools available for download:

Lossless: CRAM, Deez, Quip

Lossy quality scores acceptable – recent consensus of AhG particpants; should not affect variant detection.

Goals: Draft CfE, Response in San Diego

### 15:00-15:45 FTV

Viewing of anchors to be done until Tuesday evening; speed of free navigation to be defined

No changes to requirements

CfE: in progress; Final at this meeting, public

Software guidelines: public

### 15:45-16:15 HDR/WCG

1. Fasttrack standardization based on CfE results (No changes below slice level) October 2016; Process to be challenged by updated anchor;
2. Longtrack, possibly joint with next generation video coding, preparing a CfP for 2016/7.

DVB wants HDR with backward compatibility;

### 16:30-18:00 Joint meeting with VCEG, Video, JCT on WCG and HDR (in VC, Ballroom D, 2nd floor)

# Tuesday

### 9:00-10:00 Media Orchestration

C&O, Req., USNB

### 10:00-11:00 Profiles for HEVC

M35783->M36372; Base-layer (using transform) plus 1 quality enhancement layer (using transform-bypass)  
JPEG2000 encoder does not work on images;

9% gain over medical compared HEVC lossless with RExt  
No gain for RExt video sequences  
1%-6%gain over JPEG 2000 for medical images

RExt included in S-HEVC; No intra prediction in EL  
30% of bits in base layer (visually lossless)

M36374 Preview capability required, proposal to use base layer (30-40% of lossless rate)  
DICOM considers HEVC, current SHEVC has too many levels for DICOM

M36373 Profile definitions   
4:0:0 16 bits, 2 quality layers max, highest in lossless (should this lossless be standardized?)  
4:4:4 8 bit, multiple quality layers, highest in lossless (should this lossless be standardized?)

* Disuss with VCEG

### 11:00-12:00 Genome Compression

### 14:00-17:00 JPEG Pleno

### 17:00-18:00 CDVA

Data processed except for RAI. 750-1000 items received

Data promised for last meeting arrived.

80% content here and annotated.

4-6 weeks after meeting data distribution

### Liaisons

A standard for HDR: When is it needed? Together with resolution

# Wednesday

### 9:00-11:00 MPEG Plenary

### 11:30-12:00 Video Encryption

M36241 elective video encryption.

### 14:00-15:00 FTV Room Congress Hall, 3rd level

### 15:00-16:00 Genome Compression Room Congress Hall, 3rd level

### 16:00-17:00 Joint with Systems on Real time streaming in F

### 17:00-18:00 Joint meeting with VCEG, VC, Video on Miscellanea in HDR

# Thursday

### 9:00-10:00 Media Orchestration

### 10:00-11:00 Genome Compression

### 11:00-12:00 HDR Requirements

### 15:00-16:00 Joint meeting with 3D in 3D on IoT

### 17:30-18:00 Screen Sharing MAF

# Friday

## 9:00-11:00 Requirements Plenary

9:00 Media Orchestration

10:00 CDVA

# Output documents

|  |  |
| --- | --- |
| **No.** | **Title** |
|  | AHG on Support of HDR and WCG |
|  | AHG on FTV (Free-viewpoint Television) |
|  | AHG on Compact Descriptors for Video Analysis |
|  | AHG on Media-centric Internet of Things (MIoT) and MPEG Wearable |
|  | AHG on Requirements on Genome Compression and Storage |
|  | AHG on Media Orchestration |
|  | Requirements and Use Cases for HDR and WCG Content Distribution |
|  | Exploration on Media-centric Internet of Things (draft) |
|  | Requirements for MPEG Adaptive Screen Content Sharing Application Format |
|  | Evaluation Framework for Compact Descriptors for Video Analysis - Search and Retrieval |
|  | Call for Proposals for Compact Descriptor for Video Analysis - Search and Retrieval (CDVA) |
|  |  |
|  | Requirements for a Future Video Coding Standard (Draft) |
|  | Context and Objectives for Media Orchestration (Rob Koenen) |
|  | Requirements for Media Orchestration |
|  | Response to USNB Technical Comment on Media Orchestration |
|  |  |
|  | Requirements on Genome Compression and Storage |
|  | Investigation on Genome Compression and Storage |
|  | Call for Evidence on FTV |
|  | Requirements for Media Linking Application Format (MLAF) |
|  | ITU-T SG16 Liaison on HDR/WCG |
|  | Requirements for Publish and Subscribe Application Format |
|  | FTV software user guidelines |
|  | Exploration on Wearable MPEG |
|  | Liaison on WCG and HDR |
|  | Liaison to DVB |
|  | Liaison to EBU |
|  | Liaison to WP6C |
|  | Liaison to BDA |

Resolutions:

The Requirements notes that two years after publication of the HEVC standard the licensing terms for many patent declarations are not yet known. WG 11 encourages ISO to consider changing the rules such that a timely deployment of standardized technology becomes available.

The Requirements subgroup requests members to bring forward applications that would benefit from a HEVC profile that enables a scalable lossless coding capability.