TITLE: List of Ad Hoc Groups established during the 93rd ISO/IEC JTC 1/SC29/WG1 Meeting, 2021-10-18 to 2021-10-22, Online

SOURCE: WG1 Convenor

PROJECT: All WG1 projects

STATUS: Final

REQUESTED ACTION: For information

DISTRIBUTION: Public

Contact:
ISO/IEC JTC 1/SC29/WG1 Convenor – Prof. Touradj Ebrahimi
EPFL/STI/IEL/GR-EB, Station 11, CH-1015 Lausanne, Switzerland
Tel: +41 21 693 2606, Fax: +41 21 693 7600, E-mail: Touradj.Ebrahimi@epfl.ch
WG1 approved creation of the following new Ad Hoc Groups listed below.

1. Ad Hoc Group on JPEG AI joint ITU/ISO/IEC standards
2. Ad Hoc Group on JPEG Website & Operations
3. Ad Hoc Group on Fake Media
4. Ad Hoc Group on NFT
5. Ad Hoc Group on Digital Media Storage using DNA
6. Ad Hoc Group on JPEG AI
7. Ad Hoc Group on JPEG Pleno Point Cloud
8. Ad Hoc Group on Image Quality Assessment
9. Ad Hoc Group on JPEG Pleno Light Field
10. Ad Hoc Group on JPEG Pleno Holography
11. Ad Hoc Group on JPEG 2000
12. Ad Hoc Group on JPEG XS
13. Ad Hoc Group on JPEG XL
15. Ad Hoc Group on JPEG Systems

### Ad Hoc Group on JPEG AI joint ITU/ISO/IEC standards

<table>
<thead>
<tr>
<th>Subgroup</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mailing list</td>
<td>Public</td>
</tr>
<tr>
<td>Name</td>
<td>Ad Hoc Group on JPEG AI joint ITU/ISO/IEC standards</td>
</tr>
</tbody>
</table>
| Chair | Touradj Ebrahimi (<touradj.ebrahimi@epfl.ch>)  
Yuntao Wang (<wangyuntao@caict.ac.cn>)  
Gary Sullivan (<garysull@microsoft.com>) |
| Co-chair | - |
| Mandates/Objectives | ● Support in completing the section in A.1 (and/or A.13) justification form(s)  
● Ensure proper interaction between Q5/SG16, Q6/SG16 and SC29/WG1 in order to coordinate joint meetings in January 2022  
● Prepare and present various options regarding the JPEG AI final call for proposals to be issued in January 2022 |
| Deliverables | ● Text for relevant sections in A.1 (and/or A.13) |
| Meetings | ● Online AHG meetings with at least one week’s notice |
| How to join | Email reflector: jpeg-itu  
To subscribe to the reflector, please visit [http://listregistration.jpeg.org](http://listregistration.jpeg.org) or in case of problems contact lists@jpeg.org.  
The mailing list is open to ITU-T SG16, Q5/16 and Q6/16 experts. |

### Ad Hoc Group on JPEG Website & Operations

<table>
<thead>
<tr>
<th>Subgroup</th>
<th>Communication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mailing list</td>
<td>Moderated</td>
</tr>
<tr>
<td>Name</td>
<td>Ad Hoc Group on JPEG Website &amp; Operations</td>
</tr>
<tr>
<td>Chair</td>
<td>Frederik Temmermans (<a href="mailto:frederik.temmermans@vub.be">frederik.temmermans@vub.be</a>)</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Co-chair</td>
<td>Tim Bruylants (<a href="mailto:t.bruylants@intopix.com">t.bruylants@intopix.com</a>)</td>
</tr>
</tbody>
</table>

**Mandates/ Objectives**
- Maintain JPEG website and update content
- Publish the press release & calling notice
- Publish 5th JPEG DNA Workshop and 2nd JPEG NFT Workshop proceedings and publish workshop videos on YouTube
- Create mock-up implementation for project descriptions on the frontpage
- Update website content for JPEG Systems
- Follow up and evaluate the procedures for handling documents
- Contact ISO regarding ISO Documents issues
- Refine and complete JPEG Operating Manual and assess accessibility
- Follow up WG1 content on SC29 website
- Proceed with the change of ownership of JPEG Twitter account and initiate request for verified Twitter account

**Deliverables**
- Proposed Updated JPEG Operating Manual

**Meetings**
- Online AHG meetings on the following dates:
  - Tuesday 2021-11-23, 09:00-10:00 UTC
  - Tuesday 2022-01-11, 09:00-10:00 UTC

Additional online meetings may be scheduled as required with at least a one week’s notice.

**How to join**
Email reflector: jpeg-website
To subscribe to the reflector, please visit [http://listregistration.jpeg.org](http://listregistration.jpeg.org) or in case of problems contact [lists@jpeg.org](mailto:lists@jpeg.org).

---

<table>
<thead>
<tr>
<th>Subgroup</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mailing list</td>
<td>Public</td>
</tr>
<tr>
<td>Name</td>
<td>Ad Hoc Group on JPEG Fake Media</td>
</tr>
<tr>
<td>Chair</td>
<td>Frederik Temmermans (<a href="mailto:frederik.temmermans@vub.be">frederik.temmermans@vub.be</a>)</td>
</tr>
<tr>
<td>Co-chair</td>
<td>Deepayan Bhowmik (<a href="mailto:d.bhowmik@ieee.org">d.bhowmik@ieee.org</a>)</td>
</tr>
</tbody>
</table>

**Mandates/ Objectives**
- Continue refining the “JPEG Fake Media Context, Use Cases and Requirements” document
- Propose evaluation methodology
- Elaborate on trust model
- Align with the JPEG NFT and JPEG Systems AHGs
- Organize a joint workshop between JPEG NFT and JPEG Fake Media
- Engage with stakeholders and encourage them to contribute

**Deliverables**
- Proposed update on “JPEG Fake Media Context, Use Cases and Requirements” document including evaluation methodology
- Workshop proceedings

**Meetings**
- Online AHG meetings on the following dates:
  - Tuesday 2021-11-16: 06:00-08:00 UTC
  - Wednesday 2021-12-15: 14:00-16:00 UTC
  - Thursday 2022-01-13: 21:00-23:00 UTC

Additional online meetings may be scheduled as required with at least a one week’s notice.

**How to join**
Email reflector: jpeg-fake-media
To subscribe to the reflector, please visit [http://listregistration.jpeg.org](http://listregistration.jpeg.org) or in
ISO/IEC JTC 1/SC29/WG1 N100007
93rd Meeting – Online – 18-22 October 2021

<table>
<thead>
<tr>
<th>Subgroup</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mailing list</td>
<td>Public</td>
</tr>
<tr>
<td>Name</td>
<td>Ad Hoc Group on JPEG NFT</td>
</tr>
<tr>
<td>Chair</td>
<td>Kambiz Homayounfar (<a href="mailto:kambiz@rayshapersa.ch">kambiz@rayshapersa.ch</a>)</td>
</tr>
<tr>
<td>Co-chair</td>
<td>Frederik Temmermans (<a href="mailto:frederik.temmermans@vub.be">frederik.temmermans@vub.be</a>)</td>
</tr>
</tbody>
</table>
| Mandates/ Objectives | - Continue exploring and analyzing the state-of-the-art in NFTs for digital assets especially those that can be represented using JPEG formats
- Continue identifying, describing and documenting use cases and requirements for NFTs focused on digital media types and applications relevant to JPEG
- Continue identifying and describing potential areas where JPEG can contribute with best practices and standards
- Coordinate efforts with JPEG Fake Media and JPEG Systems AHGs
- Identify and invite stakeholders from academia, industry and end-user communities
- Organize a joint JPEG NFT and JPEG Fake Media workshop prior to the 94th JPEG meeting |
| Deliverables | - Proposed updates to “JPEG NFT context, use cases and requirements” document
- Proceedings of the workshop |
| Meetings | Online AHG meetings on the following dates:
- Wednesday 2021-11-24: 14:00-15:30 UTC
- Thursday 2022-01-13: 14:00-15:30 UTC
Additional online meetings may be scheduled as required with at least a one week’s notice |
| How to join | Email reflector: jpeg-nft |
| To subscribe to the reflector, please visit [http://listregistration.jpeg.org](http://listregistration.jpeg.org) or in case of problems contact lists@jpeg.org. |

<table>
<thead>
<tr>
<th>Subgroup</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mailing list</td>
<td>Public</td>
</tr>
<tr>
<td>Name</td>
<td>Ad Hoc Group on Digital Media Storage using DNA</td>
</tr>
<tr>
<td>Chair</td>
<td>Marc Antonini (<a href="mailto:am@i3s.unice.fr">am@i3s.unice.fr</a>)</td>
</tr>
<tr>
<td>Co-chair</td>
<td>Touradj Ebrahimi (<a href="mailto:touradj.ebrahimi@epfl.ch">touradj.ebrahimi@epfl.ch</a>)</td>
</tr>
</tbody>
</table>
| Mandates/ Objectives | - Continue with the analysis of the state-of-the-art in DNA digital storage and identification of challenges especially relevant to JPEG’s scope
- Continue identification, description and improvement of use cases and requirements focused on digital media applications and prioritize them based on their maturity and expected time to deployment
- Continue with identification and description of potential areas where JPEG can contribute with best practices and standards
- Identify and invite stakeholders (academia, industry, end-user communities)
- Validate (beta test) and extend the JPEG DNA experimentation software |
to simulate an end-to-end image storage pipeline using DNA for future exploration experiments.
- Propose a first set of potential exploration experiments

### Deliverables
- Proposal for updates to the report on state-of-the-art in DNA digital storage and challenges, use cases and requirements for digital media storage using DNA
- End-to-end simulator for image storage using DNA that includes synthesizer/sequencer
- Draft version of a list of potential exploration experiments, their description, objectives and deliverables as well as potential contributors

### Meetings
Online AHG meetings as determined by the AHG with at least one week’s notice

### How to join
Email reflector: jpeg-dna
To subscribe to the reflector, please visit [http://listregistration.jpeg.org](http://listregistration.jpeg.org) or in case of problems contact lists@jpeg.org.

<table>
<thead>
<tr>
<th>Subgroup</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mailing list</td>
<td>Public</td>
</tr>
<tr>
<td>Name</td>
<td>Ad Hoc Group on JPEG AI</td>
</tr>
<tr>
<td>Chair</td>
<td>João Ascenso (<a href="mailto:joao.ascenso@lx.it.pt">joao.ascenso@lx.it.pt</a>)</td>
</tr>
<tr>
<td>Co-chair</td>
<td>Elena Alshina (<a href="mailto:elena.alshina@huawei.com">elena.alshina@huawei.com</a>)</td>
</tr>
</tbody>
</table>

### Mandates/Objectives
- Manage and perform exploration study (ES4) on compressed domain denoising, real-time foreground extraction and device interoperability.
- Maintain the JPEG AI quality assessment framework
- Publish anchors for standard reconstruction and computer vision and image processing tasks
- Finalize the JPEG AI Common Training and Test Conditions
- Finalize the JPEG AI Call for Proposals

### Deliverables
- Proposed revision of JPEG AI Common Training and Test Conditions
- Proposed revision of JPEG AI Call for Proposals
- Reports on the exploration study 4: on device interoperability, compress domain denoising and real-time foreground extraction.

### Meetings
Online AHG meetings on the following dates:
- Wednesday 2021-11-17, 13:00-15:00 UTC
- Friday 2021-12-17, 13:00-15:00 UTC
- Wednesday 2022-01-05, 13:00-15:00 UTC
Additional online meetings may be scheduled as required with at least one week’s notice.

### How to join
Email reflector: jpeg-ai
To subscribe to the reflector, please visit [http://listregistration.jpeg.org](http://listregistration.jpeg.org) or in case of problems contact lists@jpeg.org.

<table>
<thead>
<tr>
<th>Subgroup</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mailing list</td>
<td>Public</td>
</tr>
<tr>
<td>Name</td>
<td>Ad Hoc Group on JPEG Pleno Point Cloud</td>
</tr>
</tbody>
</table>
### Chair
Stuart Perry ([stuart.perry@uts.edu.au](mailto:stuart.perry@uts.edu.au))

### Co-chair
Luis Cruz ([lcruz@deec.uc.pt](mailto:lcruz@deec.uc.pt))

### Mandates/ Objectives
- Improve the Common Training and Test Conditions document
  - Determine sampling strategy for meshed content and create scripts to perform sampling
  - Define anchor codecs configurations and bitrates
  - Create scripts for subjective evaluation procedures, objective quality and complexity measures
- Perform Exploration Study 5
- Produce proposal for Final Call for Proposals
- Promote the activity to industry and academia

### Deliverables
- Proposed Updated JPEG Pleno Point Cloud Common Training and Test Conditions document
- Scripts for CTTC subjective evaluation procedures, objective quality and complexity measures
- Scripts for sampling of meshed content
- Proposed Final Call for Proposals on JPEG Pleno Point Cloud Coding
- Report on outcomes of Exploration Study 5

### Meetings
Online meetings will be scheduled in agreement as determined by the AHG with at least one week’s notice.

### How to join
Email reflector: jpeg-pointcloud

To subscribe to the reflector, please visit [http://listregistration.jpeg.org](http://listregistration.jpeg.org) or in case of problems contact [lists@jpeg.org](mailto:lists@jpeg.org).

### Subgroup
Ad Hoc Group on Image Quality Assessment

### Status
Public

### Name
Evgeniy Upenik ([evgeniy.upenik@huawei.com](mailto:evgeniy.upenik@huawei.com))

### Co-chair
Michela Testolina ([michela.testolina@epfl.ch](mailto:michela.testolina@epfl.ch))

### Mandates/ Objectives
- Continue reviewing relevant state-of-the-art, notably already available and under development standards and best practices related to objective and subjective image quality assessment
- Continue collecting use cases and requirements for image quality assessment
- Contact relevant experts and stakeholders
- Plan next steps

### Deliverables
- Proposed improved image quality assessment state-of-the-art review document
- Proposed improved use cases and requirements document
- Proposed work plan

### Meetings
Online AHG meetings on the following date
- Thursday 2021-11-18, 13:00-15:00 UTC
- Thursday 2021-12-09, 08:00-10:00 UTC

Additional online meetings may be scheduled with at least one week’s notice.

### How to join
E-mail reflector: jpeg-aic
To subscribe to the reflector, please visit [http://listregistration.jpeg.org](http://listregistration.jpeg.org) or in case of problems contact lists@jpeg.org.

<table>
<thead>
<tr>
<th>Subgroup</th>
<th>Plenoptic Coding and Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mailing list</td>
<td>Public</td>
</tr>
<tr>
<td>Name</td>
<td>Ad Hoc Group on JPEG Pleno Light Field</td>
</tr>
<tr>
<td>Chair</td>
<td>Cristian Perra (<a href="mailto:cperra@ieee.org">cperra@ieee.org</a>)</td>
</tr>
<tr>
<td>Co-chair</td>
<td>Carla Pagliari (<a href="mailto:carla@ime.eb.br">carla@ime.eb.br</a>)</td>
</tr>
</tbody>
</table>
| Mandates/ Objectives | Update JPEG Pleno use cases and requirements for light field quality assessment  
Study use cases and requirements for learning-based light field coding  
Plan a workshop on learning-based light field coding in early 2022 |
| Deliverables | Updated JPEG Pleno use cases and requirements for light field quality assessment  
Proposed use cases and requirements for learning-based light field coding  
Proposed plan for a workshop on learning-based light field coding in early 2022 |
| Meetings | Online AHG meetings on the following dates:  
- Friday 2021-11-19  
- Friday 2021-12-17  
- Friday 2022-01-14  
The meeting times will be decided by doodle poll.  
Additional online meetings may be scheduled as determined by the AHG with at least one week’s notice. |
| How to join | Email reflector: jpeg-lightfield |

To subscribe to the reflector, please visit [http://listregistration.jpeg.org](http://listregistration.jpeg.org) or in case of problems contact lists@jpeg.org.

<table>
<thead>
<tr>
<th>Subgroup</th>
<th>Plenoptic Coding and Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mailing list</td>
<td>Public</td>
</tr>
<tr>
<td>Name</td>
<td>Ad Hoc Group on JPEG Pleno Holography</td>
</tr>
<tr>
<td>Chair</td>
<td>Kwan-Jung Oh (<a href="mailto:kjoh@etri.re.kr">kjoh@etri.re.kr</a>)</td>
</tr>
<tr>
<td>Co-chair</td>
<td>Peter Schelkens (<a href="mailto:Peter.Schelkens@vub.be">Peter.Schelkens@vub.be</a>)</td>
</tr>
</tbody>
</table>
| Mandates/ Objectives | Manage and execute Core Experiment 1 as contained in WG1N100029  
Manage and execute Exploration Study 14 as contained in WG1N100031  
Update Common Test Conditions document and associated CTC software  
Prepare Verification Model Software for JPEG Pleno Holography by 2021-11-19  
Prepare Working Draft for JPEG Pleno Holography |
| Deliverables | Report on Core Experiment 1  
Report on Exploration Study 14  
Proposed Updated Common Test Conditions document and associated CTC |
<table>
<thead>
<tr>
<th>Meetings</th>
<th>Online AHG meetings on the following dates:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>● Thursday 2021-11-25</td>
</tr>
<tr>
<td></td>
<td>● Thursday 2021-12-09</td>
</tr>
<tr>
<td></td>
<td>● Thursday 2022-01-13 (2 sessions)</td>
</tr>
<tr>
<td></td>
<td>The meeting times will be decided by doodle poll.</td>
</tr>
<tr>
<td></td>
<td>Additional online meetings as determined by the AHG with at least one week’s notice.</td>
</tr>
<tr>
<td>How to join</td>
<td>Email reflector: jpeg-holo</td>
</tr>
<tr>
<td></td>
<td>To subscribe to the reflector, please visit <a href="http://listregistration.jpeg.org">http://listregistration.jpeg.org</a> or in case of problems contact <a href="mailto:lists@jpeg.org">lists@jpeg.org</a>.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Subgroup</th>
<th>Image Coding and Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mailing list</td>
<td>Public</td>
</tr>
<tr>
<td>Name</td>
<td>Ad Hoc Group on JPEG 2000</td>
</tr>
<tr>
<td>Chair</td>
<td>Pierre-Anthony Lemieux (<a href="mailto:pal@sandflow.com">pal@sandflow.com</a>)</td>
</tr>
<tr>
<td>Co-chair</td>
<td>David Taubman (<a href="mailto:d.taubman@unsw.edu.au">d.taubman@unsw.edu.au</a>)</td>
</tr>
<tr>
<td>Mandates/Objectives</td>
<td>● Maintain HTJ2K GitLab repositories</td>
</tr>
<tr>
<td></td>
<td>● Prepare candidate CD of ISO/IEC 15444-2 3ED</td>
</tr>
<tr>
<td></td>
<td>● Study refactoring of JPX, as currently specified in ISO/IEC 15444-2, as a separate document</td>
</tr>
<tr>
<td>Deliverables</td>
<td>● HTJ2K GitLab repositories</td>
</tr>
<tr>
<td></td>
<td>● Candidate CD of ISO/IEC 15444-2 3ED</td>
</tr>
<tr>
<td></td>
<td>● Report on the potential refactoring of JPX as a separate document</td>
</tr>
<tr>
<td>Meetings</td>
<td>Online interim meetings as determined by the AHG with at least one week’s notice</td>
</tr>
<tr>
<td>How to join</td>
<td>Email reflector: jpeg-htj2k</td>
</tr>
<tr>
<td></td>
<td>To subscribe to the reflector, please visit <a href="http://listregistration.jpeg.org">http://listregistration.jpeg.org</a> or in case of problems contact <a href="mailto:lists@jpeg.org">lists@jpeg.org</a>.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Subgroup</th>
<th>Image Coding and Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mailing list</td>
<td>Moderated</td>
</tr>
<tr>
<td>Name</td>
<td>Ad Hoc Group on JPEG XS</td>
</tr>
<tr>
<td>Chair</td>
<td>Tim Bruylants (<a href="mailto:t.bruylants@intopix.com">t.bruylants@intopix.com</a>)</td>
</tr>
<tr>
<td>Co-chair</td>
<td>Thomas Richter (<a href="mailto:thomas.richter@iis.fraunhofer.de">thomas.richter@iis.fraunhofer.de</a>)</td>
</tr>
<tr>
<td>Mandates/Objectives</td>
<td>● Run Exploration Study 5 as specified in WG1N100050</td>
</tr>
<tr>
<td></td>
<td>● Prepare DAM1 study text for ISO/IEC 21122-2 2ED AMD1</td>
</tr>
<tr>
<td></td>
<td>● Prepare a draft of an updated White Paper to describe new Bayer coding tools</td>
</tr>
</tbody>
</table>
- Create a draft CfP document for new coding technologies according to the requirements document WG1N100023
- Collect additional content (for Exploration Study 5)

**Deliverables**
- Results of Exploration Study 5
- DAM1 study text for ISO/IEC 21122-2/AMD1
- Draft of an updated White Paper
- Draft CfP for new coding technologies

**Meetings**
- **Joint online AHG meetings on the following dates**
  - Monday 2021-11-29, 13:00-14:00 UTC Jointly with JPEG XL AHG on HDR
- **Online AHG meetings on the following dates**
  - Thursday 2021-11-04, 8:00-9:00 UTC
  - Thursday 2021-11-25, 8:00-9:00 UTC
  - Thursday 2021-12-02, 8:00-9:00 UTC
  - Thursday 2022-01-13, 8:00-11:00 UTC
- Additional online meetings may be scheduled as required with at least one week’s notice

**How to join**
- Email reflector: jpeg-xs
- To subscribe to the reflector, please visit [http://listregistration.jpeg.org](http://listregistration.jpeg.org) or in case of problems contact lists@jpeg.org.

**Subgroup**
- Image Coding and Quality

**Mailing list**
- Public

**Name**
- Ad Hoc Group on JPEG XL

**Chair**
- Jon Sneyers ([jon@cloudinary.com](mailto:jon@cloudinary.com))

**Co-chair**
- Luca Versari ([veluca@google.com](mailto:veluca@google.com))

**Mandates/ Objectives**
- Continue Core Experiment 11
- Perform Exploration Study 12
- Maintenance of reference software
- Prepare CD study text of 18181-1 2nd Edition
- Prepare draft DOCR on DAM1 of 18181-1/AMD1
- Prepare study text of 18181-1/AMD1
- Prepare website updates

**Deliverables**
- Updated report on CE11
- Report results on ES12
- Proposed Updated reference software
- Draft DOCR on DAM1 ballot of 18181-1/AMD1
- Study text of 18181-1/AMD1
- Study text of CD of ISO/IEC 18181-1 2nd Edition

**Meetings**
- **Online AHG meetings on the following dates**
  - Monday 2021-11-29, 13:00-14:00 UTC Jointly with XS AHG on HDR
  - Thursday 2021-12-02, 9:00-10:00 UTC on CE 11
- Additional online meetings may be scheduled as required with at least one week’s notice

**How to join**
- Email reflector: jpeg-xl
To subscribe to the reflector, please visit [http://listregistration.jpeg.org](http://listregistration.jpeg.org) or in case of problems contact [lists@jpeg.org](mailto:lists@jpeg.org).

### Subgroup: Image Coding and Quality

**Mailing list:** Public  
**Name:** Ad Hoc Group on JPEG Reference software  
**Chair:** Thomas Richter ([thomas.richter@iis.fraunhofer.de](mailto:thomas.richter@iis.fraunhofer.de))  
**Co-chair:**  

**Mandates/ Objectives:**  
- Check for updates of the reference software implementations  
- Potentially check for the creation of a 3rd edition of ISO/IEC 10918-7  

**Deliverables:**  
- Potentially new versions of JPEG reference software implementations  

**Meetings:**  
Online meetings may be scheduled as required with at least one week’s notice

**How to join:** Email reflector: jpeg-reference

To subscribe to the reflector, please visit [http://listregistration.jpeg.org](http://listregistration.jpeg.org) or in case of problems contact [lists@jpeg.org](mailto:lists@jpeg.org).

### Subgroup: Systems & Integration

**Mailing list:** Public  
**Name:** Ad Hoc Group on JPEG Systems  
**Chair:** Andy Kuzma ([andy.kuzma@intel.com](mailto:andy.kuzma@intel.com))  
**Co-chair:** Frederik Temmermans ([frederik.temmermans@vub.be](mailto:frederik.temmermans@vub.be))  

**Mandates/ Objectives:**  
- Develop JPEG Systems White Paper; include the APP11 marker awareness wrt metadata  
- Study extensibility of JPEG Snack to address technical issues and to encourage comments from experts  
- Study how future JUMBF use case and requirements should be drafted  
- Study JUMBF use as standalone file and registering a media type  
- Preparing the JUMBF AMD2 CDAM study text  
- Study reuse of JPEG System file parser software as reference software: determine a subdivision is needed  
- Collecting use case and requirements for General Multi-Image Structuring (GMIS)  
- Study GMIS coding efficiencies and promotion of exploration study  
- Create study text for JLINK FDIS  
- Study Candidate TR on extensibility principles of the JPEG family of standards  
- Create Gitlab repository listing marker codes and other values subject to extension currently in use in the JPEG family of standards  

**Deliverables:**  
- Draft of JPEG Systems White Paper  
- Report on next steps for JPEG Snack and create DIS study text if required  
- Proposal for future JUMBF use case and requirement documents and first draft if possible
### Meetings

Online AHG meetings on the following dates:
- **Tuesday, 2021-11-02**, 14:00 - 15.30 UTC, on JPEG Systems White paper.
- **Tuesday, 2021-11-16**, 13:00 - 14.30 UTC, on JUMBF AMD2 and TR JPEG Extensions
- **Tuesday, 2021-11-23**, 13:00 - 14.30 UTC, on JPEG Snack and JLINK
- **Tuesday, 2021-11-30**, 13:00 - 14.30 UTC, on JUMBF AMD2 updated use cases and requirements, JUMBF AMD2 CDAM text.
- **Monday, 2021-12-13**, 13:00 - 14.30 UTC, on JPEG Snack DIS technical discussions, JLINK and GMIS discussion.
- **Tuesday, 2021-12-21**, 13:00 - 14.30 UTC, on GMIS, and software file parser reference software
- **Thursday 2022-01-13**, 13:00 – 14:00 UTC on 94th JPEG S&I meeting preparation and breakout session scheduling.

Additional online meetings may be scheduled as determined by the AHG with at least one week’s notice

### How to join

Email reflector: jpeg-systems

To subscribe to the reflector, please visit [http://listregistration.jpeg.org](http://listregistration.jpeg.org) or in case of problems contact lists@jpeg.org.