

**ISO/IEC JTC 1/SC29/WG1
(ITU-T SG16)**

Coding of Still Pictures

JBIG

Joint Bi-level Image
Experts Group

JPEG

Joint Photographic
Experts Group

TITLE: List of Ad Hoc Groups established during the 95th
ISO/IEC JTC 1/SC29/WG1 Meeting,
2022-04-25 to 2022-04-29, 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
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WG1 approved creation of new Ad Hoc Groups as listed below. Meetings by teleconference or Zoom will be scheduled with appropriate notice and in accordance with existing practices.

1. [Ad Hoc Group on JPEG Operations](#)
2. [Ad Hoc Group on Dissemination](#)
3. [Ad Hoc Group on JPEG Fake Media & NFT](#)
4. [Ad Hoc Group on Digital Media Storage using DNA](#)
5. [Ad Hoc Group on JPEG AI](#)
6. [Ad Hoc Group on JPEG Pleno Point Cloud](#)
7. [Ad Hoc Group on JPEG GMIS](#)
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](#)
14. [Ad Hoc Group on JPEG XT and JPEG Reference Software](#)
15. [Ad Hoc Group on JPEG Systems](#)

Subgroup	Communication
Mailing list	Moderated
Name	Ad Hoc Group on JPEG Operations
Chair	Frederik Temmermans (frederik.temmermans@vub.be)
Co-chair	Tim Bruylants (t.bruylants@intopix.com)
Mandates/ Objectives	<ul style="list-style-type: none"> ● Maintain JPEG website and update content ● Publish the press release & calling notice on WG1 and SC29 websites ● Publish 4th JPEG NFT and Fake Media Workshop Proceedings and publish workshop video on YouTube ● Publish 6th JPEG DNA Workshop Proceedings and publish workshop video on YouTube ● Discuss future communication strategy ● Follow up upload status and notification of output documents ● Remove duplicated output documents in members upload area of 93rd and 94th meeting ● Contact ISO regarding ISO Documents issues ● Update certificate for ds.jpeg.org ● Update JPEG Operating Manual, in particular naming conventions ● Discuss access management to WG1 accounts ● Extend the 2022 sponsorship program ● Update website content for JPEG Systems ● Check SC29 website and update if necessary
Deliverables	<ul style="list-style-type: none"> ● Updated JPEG Operating Manual
Meetings	Online AHG meetings on the following dates

	<ul style="list-style-type: none"> • Tuesday 2022-05-24, 07:00-09:30 UTC • Tuesday 2022-06-21, 07:00-09:30 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 or in case of problems contact lists@jpeg.org .

Subgroup	Communication
Mailing list	Moderated
Name	Ad Hoc Group on Dissemination
Chair	Antonio Pinheiro (pinheiro@ubi.pt)
Co-chair	Tim Bruylants (t.bruylants@intopix.com)
Mandates/ Objectives	<ul style="list-style-type: none"> • Define a set of documents that can be used for JPEG Committee members in dissemination activities. • To study the possibility of creating dissemination videos. • JPEG overview timeline update
Deliverables	<ul style="list-style-type: none"> • Set of slides for dissemination activities
Meetings	Online AHG meetings as determined by the AHG with at least one week's notice.
How to join	Email reflector: jpeg-dissemination To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org .

Subgroup	Requirements
Mailing list	Public
Name	Ad Hoc Group on JPEG Fake Media & NFT
Chair	Frederik Temmermans (frederik.temmermans@vub.be)
Co-chair	Sabrina Caldwell (sabrina.caldwell@anu.edu.au)
Mandates/ Objectives	<ul style="list-style-type: none"> • Disseminate and distribute the Final Call for Proposals on JPEG Fake Media • Study the documents of ITU-T SG16 Q22 and prepare a liaison response. • Continue identifying, describing and documenting use cases and requirements for NFTs focused on digital media types and applications relevant to JPEG • Update the Draft Use Cases and Requirements for JPEG NFT document • Organize 5th JPEG NFT and Fake Media Workshop prior to the 96th JPEG meeting • Identify and invite stakeholders from academia, industry, end-user communities
Deliverables	<ul style="list-style-type: none"> • Proposed updates to "Use Cases and Requirements for JPEG NFT" • 5th JPEG NFT and Fake Media Workshop Proceedings

Meetings	<p>Online AHG meetings on the following dates:</p> <ul style="list-style-type: none"> • Tuesday 2022-05-10: 06:00-08:00 UTC • Tuesday 2022-05-31: 13:00-15:00 UTC • Thursday 2022-06-30: 20:00-22:00 UTC <p>Additional online meetings may be scheduled as required with at least a one week’s notice.</p>
How to join	<p>Email reflector: jpeg-fake-media</p> <p>To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.</p>

Subgroup	Requirements
Mailing list	Public
Name	Ad Hoc Group on Digital Media Storage using DNA
Chair	Marc Antonini (am@i3s.unice.fr)
Co-chair	Touradj Ebrahimi (touradj.ebrahimi@epfl.ch)
Mandates/ Objectives	<ul style="list-style-type: none"> • Improve “Use Cases and Requirements for DNA-based Media Storage” version 0.1 document • Improve the “JPEG DNA Common Test Conditions” version 0.2 document including a description of an end-to-end workflow for image storage using DNA that includes synthesizer/sequencer • Improve the “JPEG DNA Benchmark Codec” version 0.5 document • Carry out exploration experiments according to the CTC and produce a document describing the latter along with results • Explore carrying out an end-to-end wet lab experiment (including DNA synthesis) • Prepare an outreach video to explain DNA coding
Deliverables	<ul style="list-style-type: none"> • Proposed update to Use Cases and Requirements for DNA-based Media Storage version 0.1 • Proposed update to JPEG DNA Common Test Conditions version 0.2 • Proposed update to JPEG DNA Benchmark Codec version 0.5 • Description of JPEG DNA exploration experiments and their results • Promotional video explaining DNA coding
Meetings	Online AHG meetings as determined by the AHG with at least one week’s notice.
How to join	<p>Email reflector: jpeg-dna</p> <p>To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.</p>

Subgroup	Requirements
Mailing list	Public
Name	Ad Hoc Group on JPEG AI
Chair	João Ascenso (joao.ascenso@lx.it.pt)
Co-chair	Elena Alshina (elena.alshina@huawei.com)
Mandates/Objectives	<ul style="list-style-type: none"> • Coordinate the submission of proposals’ bitstreams and decoded images and/or labels for the JPEG AI test datasets.

	<ul style="list-style-type: none"> Objective and subjective evaluation of JPEG AI proposals along with the selected anchors. Perform the cross-check of all JPEG AI proposals. Coordinate the submission of source code for the encoder, decoder, training procedure and the proposal description.
Deliverables	<ul style="list-style-type: none"> Report on the objective evaluation of JPEG AI proposals Report on the subjective evaluation of JPEG AI proposals Report on the cross-check of JPEG AI proposals
Meetings	<p>Online AHG meetings on the following dates:</p> <ul style="list-style-type: none"> Friday 2022-05-13, 13:00 - 15:30 UTC Monday 2022-06-13, 13:00 – 15:30 UTC Wednesday 2022-07-13, 13:00 – 15:30 UTC <p>Additional online meetings may be scheduled as required with at least one week’s notice.</p>
How to join	<p>Email reflector: jpeg-ai</p> <p>To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.</p>

Subgroup	Requirements
Mailing list	Public
Name	Ad Hoc Group on JPEG Pleno Point Cloud
Chair	Stuart Perry (stuart.perry@uts.edu.au)
Co-chair	Luis Cruz (lcruz@deec.uc.pt)
Mandates/ Objectives	<ul style="list-style-type: none"> Support proponents to the Call for Proposals Compute anchors for test dataset for the Call for Proposals Manage and execute subjective assessment tests for the proposals Compute objective metrics for the proposals
Deliverables	<ul style="list-style-type: none"> Report on outcomes of subjective and objective tests for the Call for Proposals
Meetings	Online meetings will be scheduled in agreement as determined by the AHG with at least one week’s notice.
How to join	<p>Email reflector: jpeg-pointcloud</p> <p>To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org.</p>

Subgroup	Requirements
Mailing list	Public
Name	Ad Hoc Group on JPEG GMIS
Chair	Oh-Jin Kwon (ojkwon@sejong.ac.kr)
Co-chair	Jon Sneyers (jon@cloudinary.com)
Mandates/ Objectives	<ul style="list-style-type: none"> Continue refining the GMIS Use Cases and Requirements Update sample sets of images for each use case

	<ul style="list-style-type: none"> Update the draft CTC for evaluating the performance of anchors and other solutions Complete Exploration Study 2 for GMIS
Deliverables	<ul style="list-style-type: none"> Proposed updates to “Second Draft Use Cases and Requirements for JPEG GMIS” document Sample sets of images for each use case Updated CTC document Results of Exploration Study 2 for GMIS
Meetings	Online AHG meetings on the following dates: <ul style="list-style-type: none"> Tuesday 2022-06-07: 13:00-14:00 UTC Tuesday 2022-07-12: 13:00-14:00 UTC Additional online meetings may be scheduled as required with at least one week’s notice.
How to join	Email reflector: jpeg-gmis To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org .

Subgroup	Requirements
Status	Public
Name	Ad Hoc Group on Image Quality Assessment
Chair	Evgeniy Upenik (evgeniy.upenik@huawei.com)
Co-chair	Michela Testolina (michela.testolina@epfl.ch)
Mandates/ Objectives	<ul style="list-style-type: none"> Organize the Workshop on Image Quality Assessment. Produce the “Final Call for Contributions on Subjective Image Quality Assessment”. Update the “Use Cases and Requirements for Image Quality Assessment 2.0” document.
Deliverables	<ul style="list-style-type: none"> Proposed Final Call for Contributions on Subjective Image Quality Assessment” Use Cases and Requirements for Image Quality Assessment 3.0 Workshop Proceedings
Meetings	Online AHG meeting on the following date: <ul style="list-style-type: none"> Tuesday 2022-05-17, 13.00-15.00 UTC Additional online meetings may be scheduled in agreement as determined by the AHG 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 or in case of problems contact lists@jpeg.org .

Subgroup	Plenoptic Coding and Quality
Mailing list	Public
Name	Ad Hoc Group on JPEG Pleno Light Field
Chair	Carla Pagliari (carla@ime.eb.br)
Co-chair	Saeed Mahmoudpour (saeed.mahmoudpour@vub.be)

Mandates/ Objectives	<ul style="list-style-type: none"> ● Update JPEG Pleno Use Cases and Requirements for Light Field Quality Assessment ● Review of Light Field Quality Assessment v1.0 ● Prepare JPEG Pleno Final Call for Contributions on Subjective Light Field Quality Assessment ● Organize workshop on learning-based light field coding ● Study use cases and requirements for learning-based light field coding ● Produce DOCR and study text for IS JPEG 2000 Part 17
Deliverables	<ul style="list-style-type: none"> ● Updated JPEG Pleno Use Cases and Requirements for Light Field Quality Assessment ● Updated text of Light Field Quality Assessment v1.0 ● Proposed text for JPEG Pleno Final Call for Contributions on Subjective Light Field Quality Assessment ● Workshop on learning-based light field coding and associated proceedings ● Draft use cases and requirements for learning-based light field coding ● DOCR and study text for IS JPEG 2000 Part 17
Meetings	Online AHG meetings will be decided by doodle poll 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 or in case of problems contact lists@jpeg.org .

Subgroup	Plenoptic Coding and Quality
Mailing list	Public
Name	Ad Hoc Group on JPEG Pleno Holography
Chair	Kwan-Jung Oh (kjoh@etri.re.kr)
Co-chair	Peter Schelkens (Peter.Schelkens@vub.be)
Mandates/ Objectives	<ul style="list-style-type: none"> ● Manage and execute Core Experiment 3 as contained in WG1N100192 ● Update Common Test Conditions document and associated CTC software ● Maintain Verification Model Software ● Update Working Draft
Deliverables	<ul style="list-style-type: none"> ● Report on Core Experiment 3 ● Proposed updates to Common Test Conditions document and associated CTC software ● Updated Verification Model Software ● Study text for updated Working Draft
Meetings	Online AHG meetings on the following dates: <ul style="list-style-type: none"> ● Wednesday 2022-05-11 ● Thursday 2022-06-02 ● Thursday 2022-06-23 ● Wednesday 2022-07-06 ● Thursday 2022-07-21 The meeting times will be decided by doodle poll. Additional online meetings as determined by the AHG with at least one week's notice.
How to join	Email reflector: jpeg-holo

	To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org .
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Subgroup	Image Coding and Quality
Mailing list	Public
Name	Ad Hoc Group on JPEG 2000
Chair	Pierre-Anthony Lemieux (pal@sandflow.com)
Co-chair	David Taubman (d.taubman@unsw.edu.au)
Mandates/ Objectives	<ul style="list-style-type: none"> ● Maintain HTJ2K GitLab repositories ● Refine white paper on "HTJ2K performance on laptop/desktop PCs" ● Prepare a brief overview of JPEG 2000 (ideally 1 slide plus backup slides) to be incorporated in the JPEG dissemination slide deck ● Study results of Core Experiment 1 on ISO/IEC 15444-4 3ED and propose revised conformance bounds to be incorporated in a new edition of the document ● Finalize DoCR on DIS ballot on 15444-8 2ED ● Finalize IS 15444-8 2ED
Deliverables	<ul style="list-style-type: none"> ● HTJ2K GitLab repositories ● White paper on "HTJ2K performance on laptop/desktop PCs" ● Slides presenting a brief overview of JPEG 2000 ● Report on proposed revised conformance bounds for ISO/IEC 15444-4 3ED ● DoCR on DIS ballot on 15444-8 2ED ● IS 15444-8 2ED
Meetings	Online interim meetings as determined by the AHG with at least one week's notice.
How to join	Email reflector: jpeg-htj2k To subscribe to the reflector, please visit http://listregistration.jpeg.org or in case of problems contact lists@jpeg.org .

Subgroup	Image Coding and Quality
Mailing list	Moderated
Name	Ad Hoc Group on JPEG XS
Chair	Tim Bruylants (t.bruylants@intopix.com)
Co-chair	Thomas Richter (thomas.richter@iis.fraunhofer.de)
Mandates/ Objectives	<ul style="list-style-type: none"> ● Perform Core Experiment 1 as specified in WG1N100187 ● Continue Exploration Study 1 as specified in WG1N100092 ● Prepare draft for Core Experiment 2 ● Work on draft of the White Paper describing XS Bayer coding tools ● Prepare DOCR for ISO/IEC 21122-2/DAMD1 and draft AMD text ● Collect additional content for CE1, ES1 and CE2
Deliverables	<ul style="list-style-type: none"> ● Results of Core Experiment 1 ● Results of Exploration Study 1 ● Draft of Core Experiment 2 ● Draft of DOCR for ISO/IEC 21122-2/DAMD1 and draft of AMD1 text

	<ul style="list-style-type: none"> Proposed update of the White Paper on XS Bayer coding tools
Meetings	Online AHG meetings on the following dates <ul style="list-style-type: none"> Thursday 2022-05-19, 7:00-8:00 UTC Thursday 2022-06-02, 7:00-8:00 UTC Thursday 2022-06-16, 7:00-8:00 UTC Thursday 2022-06-30, 7:00-8:00 UTC Thursday 2022-07-14, 7:00-10:00 UTC Additional online meetings may be scheduled as required with at least a one week's notice.
How to join	Email reflector: jpeg-xs To subscribe to the reflector, please visit 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)
Co-chair	Jyrki Alakuijala (jyrki@google.com)
Mandates/ Objectives	<ul style="list-style-type: none"> Maintenance of reference software Prepare updated White Paper Prepare study text of WD of ISO/IEC 18181-2 2nd edition Check status of IANA registration of image/jxl Prepare website updates Study requirements for fixed-point support in 18181-1
Deliverables	<ul style="list-style-type: none"> Updated reference software Proposed updated White Paper Study text of WD of ISO/IEC 18181-2 2nd edition Report on the support for fixed-point in 18181-1
Meetings	Online AHG meetings on the following dates <ul style="list-style-type: none"> Tuesday 2022-05-24, 15:00-16:00 UTC on the White Paper Additional online meetings may be scheduled as required with at least a one week's notice.
How to join	Email reflector: jpeg-xl To subscribe to the reflector, please visit 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 XT and JPEG Reference software
Chair	Thomas Richter (thomas.richter@iis.fraunhofer.de)
Co-chair	Junichi Hara (waver.jp@outlook.com)
Mandates/ Objectives	<ul style="list-style-type: none"> Investigate defect report on ISO/IEC 18477-4 and ISO/IEC 18477-5 Study necessary action in accordance with the above defect reports

	<ul style="list-style-type: none"> Depending on the outcome of the discussion, create WD 18477-3/-4/-5 2ED Check for updates of the reference software implementations Create candidate text for WD 10918-7 3ED Create candidate text for WD 10918-4 2ED
Deliverables	<ul style="list-style-type: none"> WD of 18477-3/-4/-5 2ED as necessary WD of 10918-7 3ED WD of 10918-4 2ED
Meetings	Online AHG meetings on the following dates <ul style="list-style-type: none"> Wednesday 2022-05-25 12:00.13:00 UTC on 18477-3 Additional 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 or in case of problems contact lists@jpeg.org .

Subgroup	Systems & Integration
Mailing list	Public
Name	Ad Hoc Group on JPEG Systems
Chair	Leonard Rosenthol (lrosenth@adobe.com)
Co-chair	Frederik Temmermans (frederik.temmermans@vub.be)
Mandates/ Objectives	<ul style="list-style-type: none"> Prepare AG4 Workshop on Systems Update JPEG Systems White Paper Draft new Use Cases and Requirements for JUMBF Extensions Writing specifications for IANA registration of JUMBF media type for usage as standalone file as part of 19566-5 Update WD2 of ISO/IEC 19566-9 Prepare text for JLINK and JPEG Snack for the JPEG website Discuss scope and conformance testing data for reference software Review ballot results of 19566-7 JLINK Review ballot results of 19566-8 JPEG Snack
Deliverables	<ul style="list-style-type: none"> Proposed draft of JPEG Systems White Paper Proposed draft Use Cases and Requirements for JUMBF Extensions Proposed draft specification for media type registration Proposed draft DTR of ISO/IEC 19566-9 Text for website wrt to JLINK and JPEG Snack Proposed DOCR for 19566-7 JLINK Proposed IS text for 19566-7 JLINK Proposed DOCR for 19566-8 JPEG Snack Proposed FDIS text for 19566-8 JPEG Snack
Meetings	Online AHG meetings on the following dates: <ul style="list-style-type: none"> Thursday, 2022-05-19, 14:00 - 16:00 UTC, on AG4 Workshop, JPEG Systems White Paper, JUMBF Extensions, IANA reg, TR 19566-9, reference software Thursday, 2022-06-22, 08:00 - 10:00 UTC, on JPEG Systems White Paper, JUMBF Extensions, IANA reg, TR 19566-9, reference software Friday, 2022-07-22, 05:00 - 07:00 UTC, on JPEG Snack and JLINK Additional online meetings may be scheduled as required with at least a one week's notice.

How to join

Email reflector: jpeg-systems

To subscribe to the reflector, please visit <http://listregistration.jpeg.org> or in case of problems contact lists@jpeg.org.