

**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 AhGs established during 76th JPEG meeting in Torino

SOURCE: WG1 Convenor

PROJECT: All WG1 projects

STATUS: Final

REQUESTED ACTION: For information

DISTRIBUTION: Public

Contact:

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Subgroup	Coding & Analysis
Status	Moderated
Name	Ad Hoc Group on JPEG XS
Chair	Antonin Descampe (a.descampe@intopix.com)
Co-chair	Joachim Keinert (joachim.keinert@iis.fraunhofer.de)
Mandates/ Objectives	<ul style="list-style-type: none"> • Elaborate the best possible combinations of coding tools available at the 76th JPEG meeting in Torino • XSM Test Model; <ul style="list-style-type: none"> - Create and test branches for new features to be tested. - Merge branches to obtain source code for all configurations under consideration within CE4 (as described in WG1N76011) • Core Experiments CE4; <ul style="list-style-type: none"> - Finalize CE4 description details, as described in WG1N76011; - Coordinate CE4 activities. • Organize an expert-viewing session in Macau for material generated within the local visual improvement experiment. • Review and prepare new versions of <ul style="list-style-type: none"> - JPEG XS Part-1 WD - JPEG XS Part-2 WD - JPEG XS Part-3 WD
Deliverables	<ul style="list-style-type: none"> • Updated JPEG XS Part-1 Working Draft; • Updated JPEG XS Part-2 Working Draft; • Updated JPEG XS Part-3 Working Draft; • Results of the Core Experiments CE4, as described in WG1N76011;
Meetings	<ul style="list-style-type: none"> • Online meetings (will be announced following the procedure described in WG1 AHGs rules); • AhG meeting on October 22nd, 2017, to be held in Macau.
How to join	<p>E-mail reflector: jpeg-xs@listserv.uni-stuttgart.de</p> <p>In order to subscribe to the mailing list, you simply have to send an (empty) email to jpeg-xs-join@listserv.uni-stuttgart.de and follow the steps of the e-mail being received.</p>

Subgroup	Communication
Status	Moderated
Name	Ad Hoc Group on JPEG Website and LiveLink
Chair	Frederik Temmermans (ftemmerm@etrovub.be)
Co-chair	Antonio Pinheiro (pinheiro@ubi.pt)
Mandates/ Objectives	<ul style="list-style-type: none"> • Contact ISO LiveLink support to initiate transfer of old document registry and historical archive to LiveLink; • Investigate to restructure “About JPEG” and “Participation” pages on JPEG website. • Restructure JPEG website in accordance with guidelines produced at 76th JPEG meeting. • Explore alternatives for JPEG mailing lists • Complete the transfer of jpeg.org domain name
Deliverables	
Meetings	None
How to join	<p>E-mail reflector: jpeg-livelihood@listserv.uni-stuttgart.de</p> <p>In order to subscribe to the mailing list, you simply have to send an (empty) email to jpeg-livelihood-join@listserv.uni-stuttgart.de and follow the steps of the e-mail being received. And also send to thomas.richter@alumni.tu-berlin.de.</p>

Subgroup	Coding and Analysis
Status	Public
Name	Ad Hoc Group on JPEG Pleno - Light Field
Chair	Peter Schelkens (Peter.Schelkens@vub.ac.be)
Co-chair	Zahir Alpaslan (zahir@ostendo.com)
Mandates/ Objectives	<ul style="list-style-type: none"> • Run core experiments as defined during 76th JPEG meeting • Cross check results of the above core experiments • Design software interface for software modules for next set of core experiments
Deliverables	<ul style="list-style-type: none"> • JPEG Pleno Core Experiment Report
Meetings	<ul style="list-style-type: none"> • Regular teleconference meeting(s) will be held when appropriate and after consultation of the JPEG Pleno AHG members and eventual additional test labs. • AHG Meeting on 2017-10-21, 22 in Macau, CN
How to join	<p>E-mail reflector: jpeg-pleno@listserv.uni-stuttgart.de</p> <p>In order to subscribe to the mailing list, please follow the link: https://listserv.uni-stuttgart.de/mailman/listinfo/jpeg-pleno and follow the steps of the e-mail being received.</p>

Subgroup	Test & Quality
Status	Public
Name	Ad Hoc Group on JPEG Pleno - Holography
Chair	Kwan-Jung Oh (kjoh@etri.re.kr)
Co-chair	Peter Schelkens (Peter.Schelkens@vub.ac.be)
Mandates/ Objectives	<ul style="list-style-type: none"> • Experiments on objective and subjective quality assessment; • Collaboration on CGH and numerical reconstruction software; • Preparation of the workshop to be held during 78th JPEG meeting; • Probe for additional test data; • Collect existing evidence of developments related to this domain.
Deliverables	<ul style="list-style-type: none"> • Report on objective and subjective quality assessment. • Draft workshop announcement
Meetings	<ul style="list-style-type: none"> • Teleconference meeting(s) will be scheduled after consultation of the members of the JPEG AHG on Holography.
How to join	<p>E-mail reflector: jpeg-holo@listserv.uni-stuttgart.de</p> <p>In order to subscribe to the mailing list, please follow the link: https://listserv.uni-stuttgart.de/mailman/listinfo/jpeg-holo and follow the steps of the e-mail being received.</p>

Subgroup	Test & Quality
Status	Moderated
Name	Ad Hoc Group on JPEG Pleno - Point Clouds
Chair	Antonio Pinheiro (pinheiro@ubi.pt)
Co-chair	Andy Kuzma (andy.kuzma@intel.com) Stuart Perry (stuart.perry@uts.edu.au)
Mandates/ Objectives	<ul style="list-style-type: none"> • Create a repository with Point Clouds datasets to be shared between JPEG members. • Select among the datasets collected a subset suitable to run further experiments; • Agree on a subset of distortions and parameters for distortions and generate variations of the above subset of point cloud data sets; • Agree on a subjective evaluation methodology and run this methodology on the data sets; • Evaluate and agree on the different representation methodologies; • Run new subjective tests for new coding distortions and assess performance of objective metrics; • Analyse and compare performance between various quality assessment methodologies; • Attract additional interest from industry and academia to be involved in this effort in JPEG.
Deliverables	<ul style="list-style-type: none"> • Report on <ol style="list-style-type: none"> 1. methodologies for Subjective quality test assessment; 2. set of metrics suitable for objective quality assessment; 3. data set for point cloud imaging technology evaluations; 4. methodologies for testing, rendering, and distortion generation.
Meetings	<ul style="list-style-type: none"> • Online meeting will be announced following the procedure described in WG1 AHG rules. • Face to face meeting on 22nd October 2017 in Macau, China.
How to join	<p>E-mail reflector: jpeg-pointcloud@listserv.uni-stuttgart.de</p> <p>In order to subscribe to the mailing list, you simply have to send an (empty) email to jpeg-pointcloud-join@listserv.uni-stuttgart.de and follow the steps of the e-mail being received.</p>

Subgroup	Requirements
Status	Moderated
Name	Ad Hoc Group on High Throughput JPEG 2000 (HTJ2K)
Chair	David Taubman (d.taubman@unsw.edu.au)
Co-chair	Siegfried Foessel (Siegfried.foessel@iis.fraunhofer.de)
Mandates/ Objectives	<ul style="list-style-type: none"> • Prepare, test and release evaluation platform • Explore systems implications of HTJ2K • Maintain and process test image data set to produce distributable files for the evaluation platform • Test the anchor configuration • Collect expressions of interest ahead of the 77th meeting in Macau
Deliverables	<ul style="list-style-type: none"> • Test framework for evaluation of HTJ2K • Maintained test image data set, with input files for consumption by the evaluation platform • Throughput and efficiency results for the anchor configuration • List of received expressions of interest
Meetings	<ul style="list-style-type: none"> • Online meetings, as required (will be announced following the procedure described in WG1 AHGs rules).
How to join	<p>E-mail reflector: jpeg-htj2k@listserv.uni-stuttgart.de</p> <p>In order to subscribe to the mailing list, please follow the link: https://listserv.uni-stuttgart.de/mailman/listinfo/jpeg-htj2k and follow the steps of the e-mail being received</p>

Subgroup	Requirements
Status	Public
Name	Ad Hoc Group on 360 Degree Image Format and Metadata
Chair	Junichi Hara (wave@nts.ricoh.co.jp)
Co-chairs	Frederik Temmermans (ftemmerm@etrovub.be) Ambarish Natu (ambarish.natu@gmail.com) Andy Kuzma (andy.kuzma@intel.com)
Mandates/ Objectives	<ul style="list-style-type: none"> • Discuss minimal metadata schema for JPEG 360 image • Refine draft CfP for JPEG 360 • Update use cases and requirements for JPEG 360 • Solicit industry engagement • Study existing and emerging market solutions for 360 degree image format • Analyse the JPSearch coverage of identified JUMBF Requirements • Propose a roadmap for standardisation of ISO/IEC 19566-5
Deliverables	<ul style="list-style-type: none"> • Prepare Final Draft CfP on JPEG 360 • Document industry response on JPEG 360 activity • Document existing and emerging market solutions for 360 degree image format • Initial Working Draft text of ISO/IEC 19566-5 • Updated JPSearch reference software.
Meetings	<ul style="list-style-type: none"> • Online meetings (will be announced following the procedure described in WG1 AHGs rules) • Face to face AHG intermediate meeting in Erlangen, Germany, in September 2017 (exact date to be confirmed) • Face to face meeting of the AHG on Saturday 21 October 2017, Macau, China
How to join	<p>E-mail reflector jpeg-360@listserv.uni-stuttgart.de</p> <p>In order to subscribe to the mailing list, please follow the link: https://listserv.uni-stuttgart.de/mailman/listinfo/jpeg-360 and follow the steps of the e-mail being received.</p>

Subgroup	Requirements
Status	Public
Name	Ad Hoc Group on next generation image compression standard
Chair	Jan De Cock (jdecoc@netflix.com)
Co-chair	David Taubman (d.taubman@unsw.edu.au) Seungcheol Choi (choisc@sju.ac.kr)
Mandates/ Objectives	<ul style="list-style-type: none"> • Finalize use cases and requirements based on input from interested parties; • Refine assessment methodology and collect test material considering the use cases; • Dry run objective quality assessment on ICIP 2016 Grand Challenge test material and additional test images; • Finalize the draft Call for Proposals; • Explore further industry interest for a next-generation image compression standard.
Deliverables	<ul style="list-style-type: none"> • Documentation of use cases and requirements; • Report on objective quality assessment dry run; • Draft Call for Proposals
Meetings	<ul style="list-style-type: none"> • Teleconference meeting(s) will be scheduled when appropriate and after consultation of the members of the AHG
How to join	<p>E-mail reflector: jpeg-xl@listes.epfl.ch</p> <p>In order to subscribe to the mailing list send an e-mail (its content is unimportant) to the address: jpeg-xl-subscribe@listes.epfl.ch. You will receive information to confirm your subscription, and upon the acceptance of the moderator will be included in the mailing-list</p>

Subgroup	Test & Quality
Status	Moderated
Name	Ad Hoc Group on JPEG XT
Chair	Thomas Richter (thomas.richter@alumni.tu-berlin.de)
Co-chair	Walt Husak (WJH@dolby.com)
Mandates/ Objectives	<ul style="list-style-type: none"> • Revise and review the reference software • Explore possibility for a DAMD of 18477-5
Deliverables	<ul style="list-style-type: none"> • Updated list of reference software implementations • Report of the exploration for a DAMD of 18477-5
Meetings	<ul style="list-style-type: none"> • Online meeting (will be announced following the procedure described in WG1 AHGs rules)
How to join	<p>E-mail reflector: jpeg-extensions@listserv.uni-stuttgart.de</p> <p>In order to subscribe to the mailing list, send an (empty) email to jpeg-extensions-join@listserv.uni-stuttgart.de and follow the steps of the e-mail being received. Also send an email to thomas.richter@alumni.tu-berlin.de.</p>

Subgroup	Systems
Status	Moderated
Name	Ad Hoc Group on JPEG Privacy & Security
Chair	Takaaki Ishikawa (takaxp@ieee.org)
Co-chair	Ambarish Natu (ambarish.natu@gmail.com) Seungcheol Choi (choisc@sju.ac.kr)
Mandates/ Objectives	<ul style="list-style-type: none"> • Refine evaluation plan and criteria for Privacy & Security proposals; • Analyse standards under development and published by SC27/WG5; • Manage JPEG Privacy & Security CfP evaluation process.
Deliverables	<ul style="list-style-type: none"> • Proposed evaluation plan and refined criteria; • JPEG Privacy & security CfP evaluation results.
Meetings	<ul style="list-style-type: none"> • One online meeting at late September; • AHG meeting on 2017-10-22 in Macau, China; • Additional online meeting(s) could be announced following the procedure described in WG1 AHGs rules.
How to join	<p>E-mail reflector: jpeg-privacy@listserv.uni-stuttgart.de</p> <p>In order to subscribe to the mailing list, send an (empty) email to jpeg-privacy-join@listserv.uni-stuttgart.de and follow the steps of the e-mail being received. Also send an email to richter@rus.uni-stuttgart.de.</p>

Subgroup	Requirements
Status	Moderated
Name	Ad Hoc Group on JPEG reference software
Chair	Thomas Richter (thomas.richter@alumni.tu-berlin.de)
Co-chair	
Mandates/ Objectives	<ul style="list-style-type: none"> Communicate sources of JPEG reference software for preparation and submission for review
Deliverables	<ul style="list-style-type: none"> Reference software proposals
Meetings	<ul style="list-style-type: none"> Online meeting will be announced following the procedure described in WG1 AHG rules.
How to join	<p>E-mail reflector: jpeg-reference@listserv.uni-stuttgart.de</p> <p>In order to subscribe to the mailing list, send an (empty) email to jpeg-reference-join@listserv.uni-stuttgart.de and follow the steps of the e-mail being received. Also send an email to thomas.richter@alumni.tu-berlin.de.</p>

Subgroup	Communication
Status	Moderated
Name	Ad Hoc Group - 25th anniversary of the first JPEG standard
Chair	Fumitaka Ono (ono@image.t-kougei.ac.jp)
Co-chair	Antonio Pinheiro (pinheiro@ubi.pt)
Mandates/ Objectives	<ul style="list-style-type: none"> • Plan logistics, for the 25th anniversary event(s) taking place during the 77th WG1 meeting in Macau • Plan and propose external communications activities with respect to this event. • Seek and organize sponsorship and other related matters
Deliverables	<ul style="list-style-type: none"> • 25th anniversary event during JPEG meeting in Macau
Meetings	<ul style="list-style-type: none"> • Online meeting will be announced following the procedure described in WG1 AHG rules
How to join	<p>E-mail reflector: jpeg-25@listes.epfl.ch</p> <p>In order to subscribe to the mailing list send an e-mail (its content is unimportant) to the address: jpeg-25-subscribe@listes.epfl.ch. You will receive information to confirm your subscription, and upon the acceptance of the moderator will be included in the mailing-list</p>

Subgroup	Test & Quality
Status	Moderated
Name	Ad Hoc Group on AIC-2
Chair	Dale Stoltzka (d.stoltzka@samsung.com)
Co-chair	Peter Schelkens (Peter.Schelkens@etro.vub.ac.be)
Mandates/ Objectives	<ul style="list-style-type: none"> Finalize publication text <ul style="list-style-type: none"> AIC-2/Amd.1 starting from proposal in WG1M76076 AIC-2/Amd.2 starting from proposal in WG1M76077 work within editing period constraint for finish by 2017-08-18
Deliverables	<ul style="list-style-type: none"> final text <ul style="list-style-type: none"> ISO/IEC 29170-2/Amd.1 publication text ISO/IEC 29170-2/Amd.2 publication text
Meetings	<ul style="list-style-type: none"> Hold one ad hoc call (date and time to be agreed as per usual procedures).
How to join	<p>E-mail reflector: jpeg-aic@listes.epfl.ch</p> <p>In order to subscribe to the mailing list send an e-mail (its content is unimportant) to the address: jpeg-aic-subscribe@listes.epfl.ch. You will receive information to confirm your subscription, and upon the acceptance of the moderator will be included in the mailing-list</p>

Subgroup	Coding and Analysis
Status	Moderated
Name	Ad Hoc Group on JPEG Pleno Software
Chair	Andy Kuzma (andy.kuzma@intel.com)
Co-chair	Peter Schelkens (Peter.Schelkens@vub.ac.be)
Mandates/ Objectives	<ul style="list-style-type: none"> • Work with contributors to develop a modular framework for the Generic JPEG Pleno Light Field Architecture that isolates the top-level architecture functional blocks in order to support core experiments.
Deliverables	<ul style="list-style-type: none"> • Updated testbench from TUT. • Core experiments successfully run on framework.
Meetings	<ul style="list-style-type: none"> • Conference meetings (will be announced following the procedure described in WG1 AHGs rules)
How to join	<p>E-mail reflector: jpeg-pleno@listserv.uni-stuttgart.de</p> <p>In order to subscribe to the mailing list, please follow the link: https://listserv.uni-stuttgart.de/mailman/listinfo/jpeg-pleno and follow the steps of the e-mail being received.</p>