

Division 8 – Imaging Technology

Scope of Division 8

To study procedures and prepare guides and standards for the **optical, visual and metrological** aspects of the **communication, processing and reproduction of images**, using all types of analogue and digital imaging devices, storage media and imaging media.

Officers

Role	Officer	
Division Director	Po-Chieh Hung (US)	
Division Secretary	Christine Fernandez-Maloigne (FR)	
Division Editor	Danny Rich (US)	

NC Voting Members 2020

Country	Representative
Australia	Alp Durmus
Belgium	Marc Mahy
Bulgaria	Kiril Kasev
Canada	Tara Akhavan
China	Qingmei Huang
Germany	Klaus Richter
Spain	Manuel Melgosa
France	Christine Fernandez-Maloigne
United Kingdom	Kaida Xiao
Hong Kong S.A.R., China	Minchen (Tommy) Wei
Hungary	Krisztián Samu
Israel	Amir Poznansky
Italy	Gabriele Simone
Japan	Masahiro Yamaguchi
South Korea	Jongho Chong

Country	Representative
Malaysia	Tommy Chai
Netherlands	Kees Teunissen
Norway	Jon Y Hardeberg
New Zealand	Andrew Chalmers
Poland	Dariusz Sawicki
Romania	Catalin Daniel Galatanu
Russia	Vladimir Budak
Sweden	Mikael Pettersson
Slovenia	Gorazd Golob
Turkey	Ismail Serkan Üncü
Chinese Taipei	Ming-Jing Shyu
United States	Maxim Derhak
South Africa	Natasha Nel-Sakharova

Division 8 Meetings

- Mini-meeting 2019
October 21st, 2019, Paris, France
- Annual Meeting 2020
November 17, 2020, Online

Technical Committees

TC#	Title	TC (lead-/co-) chair	Year	Remarks
TC8-12	Image and Video Compression Assessment	Pascal Bourdon (FR)	2007/ 2013	CD in process
TC8-13	Colour Gamuts for Output Media	Kiran Deshpande (GB)	2013	WD in process.
TC8-14	Specification of Spatio-Chromatic Complexity	Noël Richard (FR)	2015	WD in process.
TC 8-16	Consistency of colour appearance within a single reproduction medium	Craig Revie (UK)	2017	WD and experiment in process.
TC 8-17	Methods for Evaluating Colour Difference between 3D Colour Objects	Kaida Xiao (GB)	2017	WD and experiment in process.
JTC 10	A new colour appearance model for colour management systems: CIECAM16	Changjun Li (CN)	2017	Lead chair. CD in process
JTC 12	The measurement of sparkle and graininess	Noël Richard (FR)	2018	Co-chair
JTC 16	Validity of Chromatic Adaptation	Kaida Xiao (GB)	2018	Co-chair
JTC 17	Gloss measurement and gloss perception – A framework for the definition and standardization of visual cues to gloss	Danny Rich (US)	2019	Co-chair

Reportership

DR#	Title	Reporter	Year	Remarks
R8-14	Office Lighting for Imaging	Yasuki Yamauchi (JP)	2015	Closed
R8-15	A survey on Quality Metrics on Stereoscopic Imaging	Christine Fernandez-Maloigne (FR)	2015	TN in process
R8-16	Material Adjustment Transforms	Max Derhak (US)	2016	To be closed after approval of Reportership report
R8-17	Literature Survey on Uniform Colour Space for Imaging Applications including Wide Colour Gamut and High Dynamic Range Images	Youn Jin Kim (KR)-> Youngshing Kwak (KR)	2017	Closed on January 13 2020 and promotion to a new TC to be approved

Research Forum

DR#	Title	Convener	Year
RF-01	Spectral Imaging	Masahiro Yamaguchi (JP)	2018

Liaison

	Title	Reporter
L8-1	ISO/TC 036: Cinematography	CIE Central Bureau
L8-2	ISO/TC 130: Graphic Technology	Danny Rich
L8-3	ISO/TC 042: Photography	Hideyasu Kuniba
L8-4	ISO/TC 159/SC 04/WG2: Ergonomics, SC 4: Signals and Controls, WG 2: Visual display requirements	Po-Chieh Hung
L8-5	ISO/IEC/JTC1/SC29: Joint Committee on information technology, SC29: Coding of audio, picture, multimedia and hypermedia information	Olfa Ben Ahmed
L8-6	IEC TC100/TA2 Multimedia Systems and Equipment	Naoya Katoh
L8-7	ASTM	Ellen Carter
L8-8	ISO/IEC/JTC1/SC28: Joint Committee on information technology, SC28: Office Equipment	Klaus Richter
L8-9	International Color Consortium	Max Derhak

New TC Proposal

Title

CIE TC 8-xx: Guidelines for Definition and Evaluation of High Dynamic Range Images and Image Sequences

Next Meeting in 2021

In conjunction with Color & Imaging Conference
(CIC 29)

- Date and format will be announced later

For further information, please contact with
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