During the five days of the CIE Session, I attended the following meetings:

- All of the D1 presented papers and posters
- The informal D1 Officers meeting to prepare for the Division meeting
- The D1 workshop on Colour Rendering – which I planned and chaired
- The D1 division meeting
- The D8 division meeting

CHANGES TO CURRENT TECHNICAL COMMITTEES AND REPORTERS

TC1-27 (C) **Specification of Colour Appearance for Reflective Media and Self-Luminous Display Comparison**

Terms of Reference: To study and make recommendations for the specification of a colour appearance match between a reflective image and a self-luminous display image.
Chairman: PJ Alessi US
Action: Ballot to close approved
Rationale: TR published

TC1-41 (V) **Extension of $V_M(\lambda)$ Beyond 830 nm**

Terms of Reference: To write a report on the feasibility of the extension of $V_M(\lambda)$ beyond 830 nm, including modification of $V_M(\lambda)$ in the 660-780 nm region of the spectrum.
Chairman: PL Walraven NL
Action : Ballot to close approved: offer TCC to work on a new TC with revised ToR
Rationale: No work done and ToR no longer relevant due to update of $V_M(\lambda)$ to $V_{LM}(\lambda)$

TC1-44 (C) **Practical Daylight Sources for Colorimetry**

Terms of Reference:
1. To compare existing daylight simulators for color measuring instruments and colour matching booths.
2. On the basis of this intercomparison, to recommend practical methods for simulating daylight sources.

Chairman: R Hirschler HU
Action: Ballot to close approved
Rationale: TR published

TC1-58 (V) **Visual Performance in the Mesopic Range**

Terms of Reference: To define mesopic visual performance and related terms.
To investigate performance based photometry in the luminance region below approximately 10 cd m^{-2}.
To propose a model for the basis of performance based mesopic photometry.
Chairman: L Halonen FI
Action: Ballot to close approved
Rationale: TR published

TC1-60 (V) **Contrast Sensitivity Function (CSF) for Detection and Discrimination**

Terms of Reference:
1. To specify a baseline achromatic CSF with its reference conditions and reference observer
2. To specify CSF extensions based on discrimination thresholds, as well as chromatic CSFs for both detection and discrimination

Chairman: E. Martinez-Uriegas ES
Action: Ballot to change TCC to Mike Pointer approved
Rationale: TCC no longer able to continue, MRP to rescue work done on first TofR.

TC1-67 (V) **The Effects of Dynamic and Stereo Visual Images on Human Health**

Terms of Reference: To write a technical report on the physiological and psychophysical effects of dynamic and stereo visual images in terms of photosensitive seizures, visually induced motion sickness and eyestrain.

Chairman: H Ujike JP

Action: Ballot to change terms of reference approved

To write a technical report on the physiological and psychophysical effects of dynamic and stereo visual images in terms of photosensitive seizures~~, visually induced motion sickness and eyestrain~~.

Rationale: Limit work to first TofR; new TC if TCC wants to continue.

TC1-72 (C) **Measurement of Appearance Network: MApNet**

Terms of Reference:

1. To establish a network of those interested in the measurement of visual appearance.
2. The network shall be under the direction and guidance of a group of at least four Technical Leaders each responsible for a particular aspect of the subject.
3. Each Technical Leader shall provide substantial periodic reports in a form that might be published.
4. A second Expert Symposium on Appearance shall be organised at an appropriate time within the next 4 years.
5. A database of relevant published work shall be maintained.
6. Consideration shall be given to the establishment of separate Technical Committees when appropriate.
7.

Chairman: MR Pointer GB

Action: Ballot approved to close

Rationale: No obvious future: one reporter to be balloted

TC1-79 (V) **Limits of Normal Colour Vision**

Terms of Reference:

1. To document the correlation between performance on colour matching, colour discrimination, colour naming, and colour deficiency tests and factors such as variation in the peak spectral sensitivity of the M and L cones, density of the lens, density of macular pigment, variation in the optical density of the cones, L to M cone ratio, rod intrusion, illumination level, stimulus size, gender, stimulus duration and identify any substantive gaps in the existing literature.
2. Using the above database, develop a model or models that will allow the prediction of the effect of the above factors on colour discrimination, colour matching, and colour naming performance.

Chairman: John Barbur UK

Action: Ballot to close approved

Rationale: TCC reports task is too big and data not available

R1-36 (V) **Action Spectra for Glare**

Terms of Reference: To summarize the literature on the subject and make recommendation for terms of reference for a technical committee.

Reporter: Judith Fekete HU

Action: Ballot to close approved

Rationale: Reporter unable to continue and does not recommend TC at this time.

R1-37 (V) **Definition of the Visual Field for Conspicuity**

Terms of Reference: To summarize the literature on the Visual Field for conspicuity and make a recommendation for terms of reference for a Technical Committee.
Reporter: Nana Itoh JP
Action: Ballot to close approved
Rationale: Work completed, report published and new TC recommended

R1-48 (C) Colour Emotion and Harmony
Terms of Reference: To review methods for relating the emotion and harmony responses to coloured stimuli with associated colorimetric measurement of those stimuli.
Reporter: Li-Chen Ou TW
Action: Ballot to close approved
Rationale: Work completed, report published and new TC recommended

R1-49 (V) Above-Threshold Pulsed Lights
Terms of Reference: To review methods for photometric prediction of the brightness and colour of supra-threshold pulsed signal lights.
Reporter: Ian Tutt GB & Dennis Couzin US
Action: Ballot to change reporter from Ian Tutt to Malcolm Nicholson approved 14:0:0
Rationale: Ian Tutt has retired and he is replaced by his colleague from Trinity House.

NEW WORK ITEMS

TC1-XX (V) Standard on Mesopic Photometry and Guidelines for Defining Photometric Values in the Mesopic Region
Terms of Reference:
1. To investigate adaptation and viewing conditions in outdoor lighting.
2. To define lighting applications where mesopic photometry should be used.
3. To provide methods and guidelines for calculating photometric values in the mesopic region to prepare a standard on a system of mesopic photometry

Chairman: Liisa Halonen FL
This is to be a joint TC with Divisions 1, 2, 3 and 4

TC1-83 (V) Visual Aspects of Time-Modulated Lighting Systems
Terms of Reference:
1. To investigate and report on current research on the perception of visual artifacts of temporally modulated lighting systems, including flicker, the stroboscopic effect, ghosting, and digital artifacts.
2. Design methodology and gather data on the visibility of temporal artifacts.
3. Build a model for the visibility of temporal artifacts and their dependence on environmental, demographical and lighting parameters.

Chairman: Dragan Sekulovski NL

TC1-84 (V) Definition of Visual Field for Conspicuity
Terms of Reference: To define and classify functional visual fields for universal tasks and develop guidelines for the layout of visual information to increase the visibility of visual signs, displays and markings.
Chairman: Nana Itoh JP

TC1-85 (C) Update CIE Publication 15:2004 Colorimetry
Terms of Reference: To update CIE Publication 15:2004 taking into consideration the current CIE/ISO standards on colorimetry and the work of TC1-36 Fundamental Chromaticity Diagram with Physiologically Significant Axes
Chairman: Janos Schanda HU

Members: Françoise Viénot, Alan Robertson, Mike Pointer, Hirohisa Yaguchi, Ellen Carter, Pieter Walraven

TC1-86(C) Models of Colour Emotion and Harmony

Terms of Reference: To recommend models of colour emotion and harmony based on existing psychophysical data obtained by different research groups or networks for applications in the colour design area.

Chairman: Li Chen Ou TW

Members: M. Ronnier Luo UK, Mike Pointer UK János Schanda HU, Jose Luis Caivano AR Osvaldo Da Pos IT, Tetsuya Sato JP, Shing-Sheng Guan TW, Monica Billger SE, Suchitra Sueeprasan TH, Rafael Huertas ES, Ferenc Szabó HU

TC1-87(C) New Aspects of Colour Rendering

Terms of Reference: To investigate available methods for assessing the colour rendering capabilities of all types of white light source with a view to possibly recommending a new assessment index or indices.

Chairman: Mike Pointer GB

R1-53 (C) Gloss Perception and Measurement

Terms of Reference:
1. To establish a database of key research articles and terminology related to gloss perception and to gloss measurement.
2. To investigate if, from this database, improved measurement methods could be suggested in order to achieve a better correlation between gloss perception and measurement.

Reporter: Frédéric Leloup BE

R1-54 (V) Variability in Colour-Matching Functions

Terms of Reference: To document available data that describe the variation in colour matching functions, together with an analysis of their variability.

Reporter: Abhijit Sarkar IN

R1-55 (C) Enhancement of Images for Colour Defective Observers

Terms of Reference: To review the literature for enhancing images to improve their quality for colour defective observers.

Reporter: Po-Chieh Hung JP

R1-56 (C) Skin Colour Database

Terms of Reference:
1. To assemble a database of a skin colours, to include spectral data and measurement method.
2. To report on the variation in colour between different ethnic groups, genders and body parts.

Reporter: Kaida Xiao CN

R1-57 (V) Border Between Luminous and Blackish Colours

Terms of Reference: Study the literature which determines by psycho-physical and physiological experiments the colour border between luminous and blackish colours in white surrounds.

Reporter: Thorstein Seim NO

Mike Pointer
CIE-UK Representative D1