



CIE EXPERT SYMPOSIUM VISUAL APPEARANCE

19-20 OCTOBER 2006
PARIS, FRANCE

To be held at the Muséum National d'Histoire Naturelle Paris, France.

The International Commission on Illumination (CIE) is an organization devoted to international cooperation and exchange of information among its member countries on all matters relating to the science and art of lighting – this to include all aspects of vision, colour and appearance and image technology. To fulfil this purpose, CIE organizes expert symposia or workshops, often jointly with other organizations.

Scope

The **CIE Expert Symposium on Visual Appearance** will span all aspects of visual appearance, including metrology, perception, and application.

Emphasis will be placed on:

- Gloss, texture and translucency
- Appearance measurement
- Instruments and standards

Background

The visual appearance can be one of the most critical parameters affecting customer choice and it needs, therefore, to be quantifiable to ensure uniformity and reproducibility. A starting point in assessing the appearance of a consumer product might be the measurement of its colour. The description of its total appearance, however, cannot be achieved by the definition of colour alone; other attributes of the object contribute to the overall appearance and these might include gloss, translucency and surface texture, as well as the environment in which the object is seen.

The aim of this symposium is to report and review the interactions between these various components that provide a framework to describe and measure visual appearance. The interactions between the various components are complex. Physical parameters are related to the objects in scenes and these in turn are influenced, at the perception stage, by the physiological response of the human visual system and, in addition by the psychological aspects of human learning, pattern, culture and tradition.

By dealing with the optical properties of materials under the four headings of colour, gloss, translucency and texture it is possible for measurements to be made: It is recognised that these measures are not necessarily independent; colour may influence gloss, colour will certainly influence translucency, and texture is probably a function of all three of the other measures.

Who Should Attend

This meeting is open to everyone with an interest in the science of visual appearance, in visual aspects of appearance, as well as the development of novel measurements techniques and the applications to the real world in industry, architecture etc.

Venue

The **CIE Expert Symposium on Visual Appearance** will be held in Paris, France on October 19-20, 2006 in the auditorium of the *Grande Galerie de l'Evolution, Muséum National d'Histoire Naturelle, 36 rue Geoffroy Saint-Hilaire, 75005 Paris, France.*

Call for Papers

The two-day Symposium will feature Invited Papers and Contributed Papers. Ample time will be allocated for round-table discussions. A Poster Session will also be included. Papers should deal with one of the following subjects:

- Gloss, texture, translucency
- Definition of appearance and appearance attributes
- Appearance measurement
- Instruments and standards

Authors are invited to submit 500 words extended abstract of their proposed contributions, in English, using the Submission Paper Form (download Word template). Extended abstracts should be sent by e-mail or post to the Chair of the Technical Program of the Symposium no later than 15 May 2006.

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Authors will be notified of acceptance of their abstract by 30 June 2006.

Instructions for preparing camera-ready copy of papers (6-8 pages) will be forwarded to accepted authors.

Final camera-ready copy is due at the Symposium.

The proceedings of the Symposium will be made available after the meeting.

Visit the Website

www.mnhn.fr/cievisualappearance

Contact

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