



International Commission on Illumination  
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**PRESS RELEASE**

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## **Proceedings of the 4th CIE Expert Symposium on Colour and Visual Appearance**

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Visual assessment of the appearance of objects and materials involves aspects such as:

- the object itself and its optical characteristics;
- the position, size, shape and spectrum of the light source;
- the nature of the visual field surrounding the object;
- the observer's visual system with its amazing complexity.

Research areas have been formed which are devoted to the four visual attributes: colour, gloss, texture and translucency. The development of new visual appearance effects, such as goniochromatism and graininess, have required progress and evolution in the quantification of visual appearance and corresponding measurement setups. The outcome of research in this area is significant for industrial sectors where the measurement of visual appearance is important and for manufacturers of measurement equipment.

During this joint symposium of CIE Divisions 1 and 2 presentations were given on

- the state of the art in our understanding of the perception of the visual attributes, such as colour, texture, translucency and gloss;
- the latest achievements in the fields of novel measurement methodologies such as BRDF, BTDF, BSSRDF and others;
- possible applications of visual appearance knowledge and novel measurement methodologies for the design and characterization of modern optical surfaces.

The publication consists of 508 pages including 65 contributions and is readily available at the National Committees of the CIE or via the [CIE Webshop](#).

The price of this publication is EUR 219,- (Members of the National Committees of the CIE receive a 66,7 % discount).