

GLASGOW COLOUR STUDIES GROUP

Notes following the Sixth Meeting, 22nd October 2008

The sixth meeting of the GCSG took place in Room 1, Dept of English Language, University of Glasgow. Thanks are due to David Simmons, who acted as master of ceremonies, and to Christian Kay who organized the refreshments.

Apologies were received from Ellen Bramwell, Isla Forsyth, Fiona Macpherson and Valerie Thornton.

Our speaker was Prof. Alexander Logvinenko of the Dept of Vision Sciences, Glasgow Caledonian University. We are very grateful to him for a most interesting talk which prompted an excellent discussion.

Alexander Logvinenko spoke on 'Partial Hue Matching: a New Method to Measure Colour'

A new technique to describe hue content in colour appearance was reported. In contrast with classical colour matching, which implies visual equivalence of colour stimuli, partial hue matching means that two coloured stimuli may be different (do not match each other) but may have some hue in common. When comparing a pink and an orange stimulus, a trichromatic observer can see some red hue in both. On the other hand, red and green, being complementary, do not even partially match as they have no common hue.

Using a sample of twenty Munsell chips, an experiment was carried out in which observers were asked to decide if a partial colour match exists for every pair of chips. A partial hue matching matrix was used to derive the set of component hues which the observer used in their decision making process. The results reinforce the classical notion of four unique hues. It must be said, however, that the results were obtained without resorting to verbal categorisation or knowledge of unique hues. This may be crucial for making use of the technique in the examination of children, and subjects with colour vision abnormalities. The relevance of the new method to studying colour categories was discussed.

News

- The membership continues to expand. We now have 74 members with a further request yet to be processed.
- Don't forget to use our email discussion list to discuss anything to do with colour. The address is ColourStudies@www.jiscmail.ac.uk

Considerations for the Seventh Meeting

Date:

- The next meeting will take place on Wednesday, 28th January, and details will be announced soon.

Talks

- If anyone would like to volunteer a talk or session, please contact Carole Biggam at c.p.biggam@btinternet.com
- We do not want to exclude any format for future meetings, and, indeed, it would be good to have as much variety as possible, e.g. single lectures, collections of short talks, seminars on particular subjects, short talks on a particular theme etc.