

W1.1 2005 – 027

Color Rendition Teleconference, November 14, 2005

Present: Susan, Frans, Óscar, Ann, and Helen

Agenda:

- 1) The Color Fidelity Experiment - next steps

Discussion:

- 1) The first topic of discussion was the manipulations to use for each of the images in our image set. At the previous meeting, it was decided that each member should make suggestions for possible points for the manipulation for each of the images. Helen and Susan circulated their suggestions, between which there was reasonable agreement. It was then suggested that we print a super-set of the rendition possibilities and make our choices for the test set from the prints rather than from monitor renditions. We agreed to aim for having the prints by the IQSP conference (San Jose, January 16-19). Ann will deliver batch files to Helen, using the set-points listed below. Helen will conduct the manipulations on the images and the accompanying palettes, following Bill's proposed layout, and Susan will print the images.

Blue Hue: +/-10, +/-30

Green Hue: +/-30

Red Hue: -/+7, -/+12

Lightness -/+10, -/+20

Saturation: -/+10, -/+15

Contrast: -/+10, -/+15

The palettes that should be used for each image are:

Bride - Perceptual

Cashew Nuts – Median

Paintgirl – Octree

Picnic - Octree

- 2) Susan still checking into the process of obtaining the legal rights to use the lighthouse2, flowergirl, redshirt, and barn images.
- 3) Ann shared information regarding CIE Div 8-TC02 (Colour Differences in Complex Images). Ronnie Luo gave a report at the CIC to the general audience and at the CIE meeting as well on recent accomplishments of the committee. Ann thought that it might be interesting to examine the colour dimensions that TC02 is using as a possible basis for our work. They are looking at perceptual differences in complex images – not preferences. She will circulate the PowerPoint summary.

Also, she reported that Dr. Luo might have students looking for topics for thesis projects.

Actions:

- Ann to create batch files
- Helen to do the manipulations using Bill's proposed layout
- Susan to print

Next Meeting:

- IQSP Conference at the EI Symposium – Jan. 16-19 in San Jose