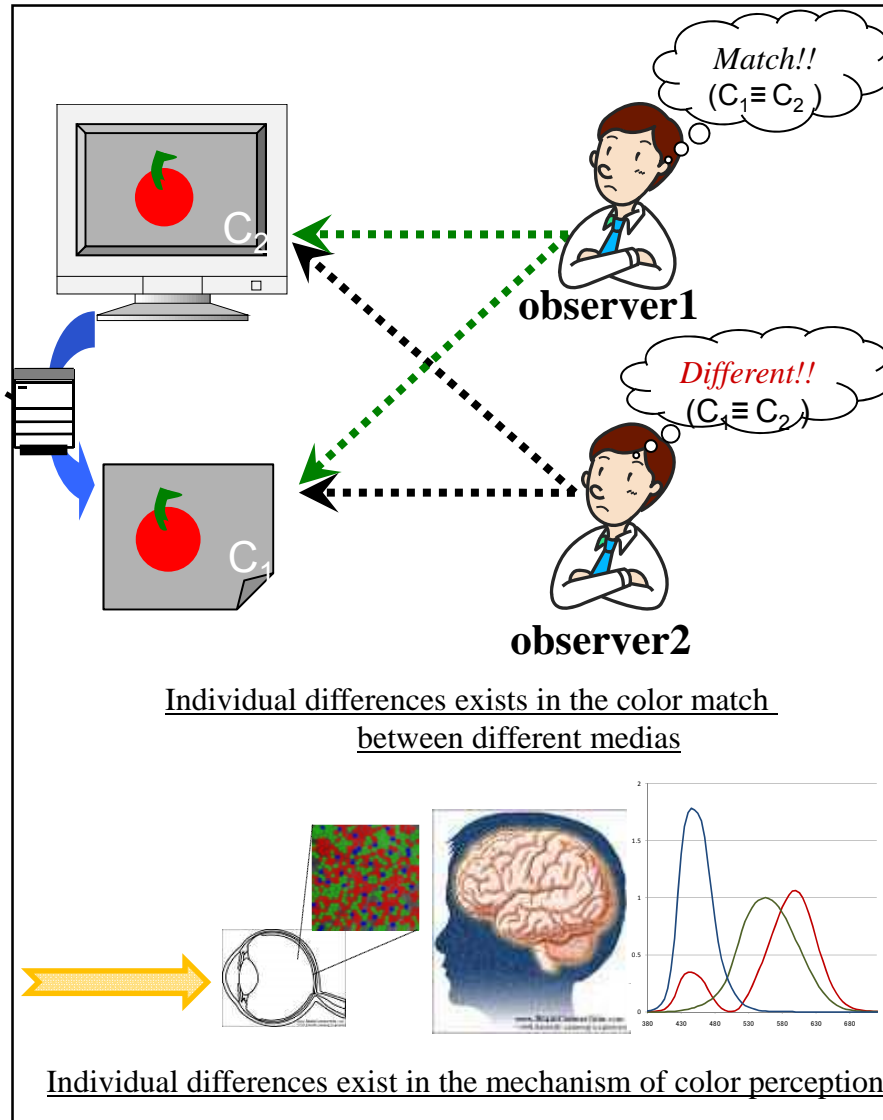


Researches on Color Science using psychophysical methods

Professor Yasuki Yamauchi



Content :

You may have experienced that the colors you observed on the monitor were not precisely reproduced on a paper, which gave you completely different impression. There are several reasons, and the difference in the range of the color that can be expressed is one of them. That is why we need “color management”.

Several colors, such as skin colors and the blue of the sky, should be “preferably” reproduced rather than “precisely” reproduced.

As our color perception has individual differences, the colors which appear to match for one person don’t appear identical for others.

I am conducting researches to explore the mysterious mechanisms on color vision and color perception with psychophysical methods.

I also started researches to clarify the effects of the illuminations such as LED and OLED on color perception.

Yamagata University Graduate School of Science and Engineering
Research Interest : Vision Science, Color Science

E-mail : yamauchi@yz.yamagata-u.ac.jp

Tel : +81-238-26-3346

Fax : +81-238-26-3346

HP : <http://yamalab.yz.yamagata-u.ac.jp>

