

Farb-Info 2003, October 11th 2003 – University of Mannheim

International Workshop

Color Vision: Thresholds, Contrast, and Colorimetric Applications

Organizer: Prof. Dr. Klaus Richter

Begin: 9:00 - End 13:00

Prof. Dr. Klaus Richter (BAM and TU Berlin):

Basic data, methods and formula to bridge the gap for color differences between threshold differences, the formula CIE DE2000 and large CIELAB color differences

Prof. Dr. Hans Irtel & Sven Kief, University of Mannheim (Germany):

Color discrimination for diffuse light sources

Prof. Dr. Karl R. Gegenfurtner, University of Giessen (Germany):

Color discrimination and adaptation

Prof. Dr. Claudio Oleari, Physics Institute, Univ. of Parma (Italy):

Chromatic opponency functions: Hypotheses and performance on classical psychophysical data

Prof. Dr. Osvaldo da Pos, Psychological Department, Univ. of Padua (Italy):

Moving visual phantoms induced by chromatic colours

Short Contributions from Various Application Areas:

Dipl.-Ing. Stefan Jäger (VW Wolfsburg and BAM Berlin):

Development and evaluation of a multispectral-imaging device for colorimetry on goniochromatic automobile coatings

Dipl.-Physiker Jens Witt (BAM Berlin):

Methods for colorimetric output of CIELAB colors on printers and monitors

Dipl.-Ing. Ulrich Hinträger (BAM Berlin):

Linearized relative CIELAB output in printing technology for corresponding colors in different color systems

Dipl.-Ing. Hans Wagenknecht (Lasersoft Kiel und BAM Berlin):

Change of raw data of scanner and camera systems with IT8- and ISO/IEC-test charts to colorimetric image data

To find additional information about Farb-Info 2003 including the full programme:

<http://www.deutsches-farbenzentrum.de/>