

PROGRAM

	WEDNESDAY 08/09/10	THURSDAY 09/09/10	FRIDAY 10/09/10	
9:00	REGISTRATION	SESSION GLOSS & TEXTURE CHAIR: <i>F. VIENOT (FR)</i>	SESSION LIGHTING COMFORT CHAIR: <i>S. FOTIOS (UK)</i>	
9:30				
10:00	INTRODUCTION & KEYNOTE SPEAKER <i>M. BILLGER (S)</i>	COFFEE BREAK	COFFEE BREAK	
10:30				
11:00	SESSION COLOUR APPEARANCE CHAIR: <i>R. LUO (UK)</i>	SESSION LUMINANCE & GLARE CHAIR: <i>T. MCGOWAN (USA)</i>	CLOSING SESSION	
11:30				
12:00				
12:30	LUNCH	LUNCH	LUNCH	
13:00				
13:30	SESSION COLOUR APPEARANCE CHAIR: <i>R. LUO (UK)</i>	SESSION LUMINANCE BASED DESIGN CHAIR: <i>Y. NAKAMURA (JP)</i>	TC MEETINGS TC 1-69 TC 1-78 TC 1-80	
14:00				
14:30				
15:00	COFFEE BREAK	COFFEE BREAK		
15:30	SESSION MEASUREMENT & INSTRUMENTATION CHAIR: <i>M. POINTER</i>	POSTER EXHIBITION <i>even numbers</i>		LABORATORY VISIT
16:00				
16:30				
17:00	LABORATORY VISIT	POSTER EXHIBITION <i>odd numbers</i>		
17:30				
18:00		CITY TOUR		
18:30	RECEPTION			
19:00		WELCOME AT TOWN HALL		
19:30		CONFERENCE DINNER		
20:00				
20:30				
21:00				
21:30				

Introduction Session – Wednesday September 8

- 10:00 Guy Vandermeersch – Member of the Board of IBE-BIV, the Belgian National Committee of the CIE
- 10:08 Frank Baert – Director of the Catholic University College Sint-Lieven, host of the symposium
- 10:15 Peter Hanselaer – Member of the Scientific Committee; Head of the Light & Lighting Laboratory

Keynote presentation – Wednesday September 8

- 10:30 Monica Billger; Associate professor at the Department of Architecture at Chalmers University of Technology (Sweden)

Session ‘Colour Appearance Part 1’ – Chair: R. LUO (U.K.) – Wednesday September 8

- 11:00 Introduction by R. Luo
- 11:10 Boust C., Ezrati J.; “Influence of color temperature and light level on appraisal of photographs in exhibitions” – France
- 11:25 Carreras J., Quintero J., Hunt C. E.; “Theoretical limits of natural light emulation” - Spain
- 11:40 Chou Y.F., Luo R.; “A sample set for evaluating colour rendering property of light sources” – U.K.
- 11:55 Whitehead L., Mossman M.; “A Monte Carlo method for assessing colour rendering” – Canada
- 12:10 Mansfield K.; “Modes of appearance and mean room surface exitance” - U.K.

Session ‘Colour Appearance Part 2’ – Chair: R. LUO (U.K.) – Wednesday September 8

- 13:30 Baumbach J.; “Psychophysics of human vision and camouflage pattern design” – South Africa
- 13:45 Borsboom P.C.F., Bos R.R.M., Graaff R., Hoenders B.; “A reliable measure of skin colour, avoiding edge loss” – The Netherlands
- 14:00 Etteradossi O.; “Exploratory investigation of an appearance-emotion relation: the example of hair” – France
- 14:15 Oleari C., Melgosa M., Huertas R.; “Generalization of color-difference formulae for any illuminant and any observer by perfect color-constancy actuation in a color-vision model based on the OSA-UCS system” – Spain
- 14:30 Szabó F., Vas Z., Csuti P., Schanda J.; “The spectral power distribution dependence of the purkinje effect” – Hungary
- 14:45 Callet P.; Natural lighting on gilts and polychromy in the Middle Age” - France

Session ‘Measurement & Instrumentation’ – Chair: M. POINTER (U.K.) - Wednesday September 8

- 15:30 Introduction by M. Pointer
- 15:40 Höpe A., Hauer K.-O., Atamas T., Kehren K.; “Appearance of printed interference effect ink in commercially used multi-geometry configurations” – Germany
- 15:55 Perales E., Chorro E., Cramer W., Martinez-Verdú F.M.; “Colorimetric evaluation of goniochromatic colours using optimal colours” – Spain
- 16:10 Boher P., Leroux T.; “Optical characterization of E-papers using multispectral Fourier optics instrument” – France
- 16:25 Koo A.; “Clarity: current measurement practice” – New Zealand

16:40 Nilsson A.; "Gloss compensated inter-instrument correlation for NCS measurement" – Sweden

Session 'Gloss & Texture' – Chair: F. VIENOT (FR) – Thursday September 9

09:00 Introduction by F. Viénot

09:10 Emrith K., Chantler M.J., Green P.R., Smith M.L., Smith L.N.; "Human subjectivity to apparent randomness of surface textures" – U.K.

09:25 Shah P.J., Chantler M.J., Green P.R.; "Human perception of surface directionality" – U.K.

09:40 Ferwerda J.A.; "Effects of mesoscale texture on apparent surface gloss" – USA

09:55 Qi L., Chantler M.J., Siebert J.P., Dong J.Y.; "The effect of mesoscale surface roughness on perceived gloss" – U.K.

10:10 Leloup F.B., Pointer M.R., De Brabanter J., Dutré P., Hanselaer P.; "The influence of the illumination geometry and luminance contrast on gloss perception" – Belgium

Session 'Luminance & Glare' – Chair: T. MCGOWAN (USA) – Thursday September 9

11:00 Introduction by T. McGowan

11:10 Porsch T., Schmidt F.; "Assessment of daylight glare parameters with imaging luminance measuring devices (ILMD) and image processing" – Germany

11:25 Wienold J.; "Acceptance of daylight glare" – Germany

11:40 Cauwerts C., Deneyer A., Bodart M.; "Vignetting effect of two identical fisheye lenses" – Belgium

11:55 Hara N., Mika K., Masami K., Katsunori O.; "Influence of gradually dimming light environment on brightness-related rating" – Japan

12:10 Durinck G., Audenaert J., Ryckaert W.R., Hanselaer P.; "Illuminance and glare of two light sources with different luminance distributions" – Belgium

Session 'Luminance Based Design' – Chair: Y. NAKAMURA (JP) – Thursday September 9

13:30 Introduction by Y. Nakamura

13:40 Matsushita S., Nakamura Y., Miki Y.; "The design of luminous environment of LCCM-house based on luminance distribution" – Japan

13:55 Krüger U., Bieske K.; "Combining imaging measurement results for vision evaluation in the field of mesopic vision and colour evaluation" – Germany

14:10 Yoshizawa N., Kanematsu M.; "Luminance-based design system for luminaire arrangements with multi-optimizing genetic algorithm" – Japan

14:25 Liedtke C., Schmits P.M, Völker S.; "The diversity of vertical illuminances - Is there a need of limitation for pleasant modelling at work places?" - Germany

14:40 Kronqvist A.; "The influence of artificial lighting on performance and well-being" – Sweden

Session 'Lighting Comfort' – Chair: S. FOTIOS (U.K.) – Friday September 10

09:00 Introduction by S. Fotios

09:10 Baaijens H., Van Erp T.; "Appreciation of colored light effects with color harmony rules" – The Netherlands

09:25 Quartier K., Vanrie J., Van Cleempoel K.; "Atmospheric lighting in supermarkets" – Belgium

09:40 Fernandez P., Giboreau A., Fontoynt M.; "The light in the hospitality industry from light perception to lighting conception" – France

- 09:55 Yamauchi Y.; "Colour discrimination and categorical colour perception under organic electroluminescent illumination" – Japan
- 10:10 Stidsen L., Kirkegaard P.H., Fisker A.M.; "Design parameters for evaluating light settings and light atmosphere in hospital wards" – Denmark

Poster sessions – Wednesday September 8 (odd numbers) and Thursday September 9 (even numbers)

1. Ammar C., Boulenguez J., Zeng X.; "Protocol for characterizing goniochromism" – France
2. Atli D., Olguntürk N., Erkip F.; "Coloured light as a cue in distance perception of objects" – Turkey
3. Barbur J. L., Spang K., Fahle M.; "Dichoptic studies of instantaneous colour constancy in human vision – Visual mechanisms involved in colour appearance" – United Kingdom
4. Boher P., Collomb-Patton V., Leroux T.; "How to improve color accuracy for imaging applications" – France
5. Bonnardel V., Lanning L.; "Gender differences in colour preference: personality and gender schemata factor" – U.K.
6. Borsboom P.C.F., Bos R.R.M., Hoenders B., Graaff R.; "A distinctive view at scattering and absorption properties" –The Netherlands
7. Bouyer E.; "Why perceptible restoration needs appropriate lighting" - Belgium
8. Da Pos O.; "Highlighting the quality of light sources" - Italy
9. Dutré P.; "Advances of physically-based rendering in computer graphics" – Belgium
10. Enger J.; "Dynamic colours in dynamic light" – Sweden
11. Ferrero A., Rabal A.M., Campos J., Pons A., Fontecha and A. Corróns J.L.; "Data processing of bidirectional scattering distribution function (BSDF) measurements"- Spain
12. Helvacioğlu E., Olguntürk N.; "Illuminance level as an impact on perception of colour and memorability of landmarks" - Turkey
13. Hertog W., Vanrie J., Hanselaer P., Ryckaert W.R.; "The influence of coloured light and colour temperature on object presentation" – Belgium
14. Kitamura S.; "Measurement of surface features and the evaluation of gloss" – Japan
15. Koo A., Deadman A.; "Fluorescence in red and orange colour standards" – New Zealand
16. Kronqvist A.; "Criteria influencing the choice of luminaires in office lighting" – Sweden
17. Kwak Y., You C.; "Visually perceived roughness and bumpiness" – South Korea
18. Leloup F.B., Verleye G., Vanluchene Y., Geldof J., Hanselaer P.; "Harmony of plastic skins in the interior of a car" – Belgium
19. Mahy M.; "Visualisation of the mathematical inconsistencies in CIECAM02" – Belgium
20. Manav B., Kutlu R., Küçükdogu M.S.; "1/1 model studies in lighting comfort and color-emotion evaluation" – Turkey
21. Miller N.J.; "Lighting and colour quality in specifying solid state luminaires" – USA
22. Moggridge T.; "Imaging BRDF: measuring reflectance and chromaticity as a function of angle using an imaging system" - Canada
23. Nadal M., Miller C.; "Near infrared fluorescence on industry color standards" – USA
24. Nielsen K.P., Mathiasen N., "Colour and luminance calculations of Danish daylight situations" – Denmark
25. Obein G., Ged G., Richard A.; "A new gonioreflectometer dedicated to the measurement of the appearance of materials at the LNE-CNAM" – France
26. Öztürk E., Yilmazer S.; "Assesment of an office environment in terms of color scheme" – Turkey
27. Perales E., Elisabet C., Valentin V., Francisco M.-V.; "Evaluation of colour representation by OLEDS and wLEDS Technologies" – Spain
28. Reisinger M.; "Personality of materials and luminous environments: a designer's perspective on appearance" – The Netherlands
29. Rodríguez-Carmona M., Barbur J. L.; "The effects of reduced chromatic sensitivity on object colour appearance" – United Kingdom
30. Säter M.; "A holistic approach to lighting design in practical application" - Sweden
31. Schäfer S.; "Twilight zone and brightness perception – New research aspects" – Germany

32. Simmons D.R., Twade S., Ayoub A.; "What is a facial scar?" – Scotland
33. Simonot L., Camelio S.; "Luminous efficacy of light sources: a compromise with color rendering index and color temperature" – France
34. Smet K., Ryckaert W.R., Deconinck G., Hanselaer P.; "Colour rendering of white light sources: visual experiments on preference, fidelity, vividness, naturalness & attractiveness" – Belgium
35. Szabó F., Kosztyán Z.T., Schanda J.; "Testing colour sample datasets for calculating colour rendering indices" – Hungary
36. Tanrıöver S., Düzgünes A., Yilmazer S.; "An analysis of sunlight patches in patient rooms via simulation" – Turkey
37. Viénot F., Bailacq S., Zouaoui L., Le Rohellec J; "Silent substitution with LEDs to isolate photopigment responses" – France
38. Wänström Lindh U.; "Reaching spatial complexity through a combined method strategy: appearance of multiple lighting design scenarios in a single space" - Sweden

TC Meetings – Friday September 10

TC 1-69 Colour rendition by white light sources – Ronnier Luo

TC 1-78 Evaluation of visual performance in the real lit environment – Monica Billger

TC 1-80 Research methods for psychophysical studies of brightness judgements – Steve Fotios