

CIE 2016

Preliminary Timetable as of 2016-02-18

Note that the programme is still subject to change

18:00	Welcome Reception <i>Bobby McGee's</i>	18:00
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Thursday morning, March 3

08:00	REGISTRATION			08:00
	Room 0			
09:00	OPENING CEREMONY (CIE President, local organizers, ISC chair)			09:00
09:40 - 10:20	Keynote Presentation Bruce Ramus, AU The Quality of Light in our Life – Reflecting our Rhythms (Chair: Yoshi Ohno, US)			09:40 - 10:20
10:20	COFFEE BREAK			10:20
	Room 1	Room 2	Room 3	
10:45 - 12:15	PA1-1 Colour quality (1) (Chair: Anya Hurlbert, GB)	PA1-2 Interior applications - Efficiency and visual perception quality (1) (Chair: Steve Fotios, GB)	PA1-3 Advanced Radiometry and Photometry (Chair: Hiroshi Shitomi, JP)	10:45 - 12:15
10:45 - 11:00	OP01: Joseph Padfield, GB OPTIMISATION OF ARTWORK ILLUMINATION SPECTRA BY MUSEUM PROFESSIONALS	OP05: J. Alstan Jakubiec, SG ACCURATE MEASUREMENT OF DAYLIT INTERIOR SCENES USING HIGH DYNAMIC RANGE PHOTOGRAPHY	OP09: Richard Young, DE ACCURATE ESTIMATION OF COLOUR UNCERTAINTIES USING A SIMPLIFIED MODEL	10:45 - 11:00
11:00 - 11:15	OP02: Ching-Ju Chou, TW MUSEUM LIGHTING: DESIGN MAIN-COLOR BASED COLOR RENDERING INDEX	OP06: Kirsty Robinson, AU DETECTION OF LUMINANCE DIFFERENCES ACROSS ARCHITECTURAL SPACES	OP10: Erkki Ikonen, FI UNCERTAINTY EVALUATION OF SPECTRAL INTEGRALS FOR LED LAMPS	11:00 - 11:15
11:15 - 11:30	OP03: Deanna Abdalla, AU CUSTOMIZATION OF LIGHT SOURCE SPECTRUM TO MINIMIZE LIGHT ABSORBED BY ARTWORK	OP07: James Sullivan, NZ LIGHT DISTRIBUTION AND SPATIAL BRIGHTNESS: RELATIVE IMPORTANCE OF THE WALLS, CEILING, AND FLOOR	OP11: Dong-Hoon Lee, KR OPTICAL DETECTOR WITH DESIGNABLE SPECTRAL RESPONSIVITY	11:15 - 11:30
11:30 - 11:45	OP04: Minchen Wei, HK EFFECT OF GAMUT SHAPE ON COLOUR PREFERENCE	OP08: Laurens van de Perre, BE CONTRAST METRICS EVALUATION	OP12: Philipp Schneider, DE LASER BASED CALIBRATED V(LAMBDA) TRAP DETECTOR	11:30 - 11:45
11:45 - 12:15	Discussion	Discussion	Discussion	11:45 - 12:15
12:15	LUNCH			12:15

Thursday afternoon, March 3

		Room 1	Room 2	Room 3		
13:45 - 15:00		PA2-1 Colour quality (2) (Chair: Kevin Smet, BE)	PA2-2 Interior applications - Glare (1) (Chair: Jennifer Long, AU)	PA2-3 CIE Strategy on LED based calibration standards (Chair: Peter Blattner, CH)	13:45 - 15:00	
13:45 - 14:00		OP13: Haiting Gu, CN COMPARING THE QUALITY OF THE LED BASED AND CONVENTIONAL CIE ILLUMINANT SIMULATORS	OP16: Muhammad Safdar, CN THE HUMAN VISION MODEL TO PREDICT DISCOMFORT GLARE FROM LUMINANCE IMAGE	OP21: Liu Hui, CN CHARACTERIZATION OF MODIFIED LED LAMPS FOR LUMINOUS FLUX STANDARDS	13:45 - 14:00	
14:00 - 14:15		OP14: Shining Ma, CN EVALUATION OF WHITENESS INDICES	OP17: Peter Hansen, CH GLARE CAUSED BY CONTRAST BETWEEN TASK AND IMMEDIATE SURROUND: AN EVALUATION OF LUMINANCE DISTRIBUTION IN THE FIELD OF VIEW	OP20: Joanne Zwinkels, CA CCPR ACTIVITIES RELATED TO LED BASED CALIBRATION STANDARDS	14:00 - 14:15	
14:15 - 14:30		OP15: Li-Chen Ou, TW A COMPARISON OF COLOUR APPEARANCE BETWEEN INDOOR AND OUTDOOR ENVIRONMENTS	OP18: Maurice Donners, NL A PSYCHOPHYSICAL MODEL OF DISCOMFORT GLARE IN BOTH OUTDOOR AND INDOOR APPLICATIONS	OP19: Tuomas Poikonen, FI REVIEW OF CHALLENGES AND DISADVANTAGES OF POSSIBLE LED-BASED PHOTOMETRIC STANDARDS	14:15 - 14:30	
14:30 - 15:00		Discussion	Discussion	Discussion	14:30 - 15:00	
15:00	COFFEE BREAK					15:00
15:30 - 17:30		WS01 Colour Rendering Metrics Convener: Ronnier Luo, GB/CN	WS02 Visual Ergonomics Convener: Jennifer Long, AU	WS03 Practical Photometry in the Field Convener: Peter Blattner, CH	15:30 - 17:30	

Friday morning, March 4

Room 0		
09:00 - 09:30	Invited Presentation Anya Hurlbert, GB Tuning light to see and feel better: The human visual and non-visual responses to spectral variations in light (Chair: Erkki Ikonen, FI)	09:00 - 09:30
09:30 - 10:45	Plenary session on CIE Research Strategy (CIE President & some of Division Directors)	09:30 - 10:45
10:45	COFFEE BREAK	10:45
Room 1		Room 2
11:15 - 12:30	PA3-1 Colour quality (3) (Chair: Yoko Mizokami, JP)	11:15 - 12:30
11:15 - 11:30	OP22: Kevin Smet, BE ON THE IMPORTANCE OF COLOR SPACE UNIFORMITY AND SAMPLE SET SPECTRAL UNIFORMITY FOR COLOR FIDELITY MEASURES	11:15 - 11:30
11:30 - 11:45	OP23: Yoshi Ohno, US VISION EXPERIMENT II ON WHITE LIGHT CHROMATICITY FOR LIGHTING	11:30 - 11:45
11:45 - 12:00	OP24: Kees Teunissen, NL A FRAMEWORK FOR EVALUATING THE MULTIDIMENSIONAL COLOR QUALITY PROPERTIES OF WHITE LED LIGHT SOURCES	11:45 - 12:00
12:00 - 12:30	Discussion	12:00 - 12:30
12:30	LUNCH	12:30

Friday afternoon, March 4

	Room 1	Room 2	
14:00 - 15:00	<p style="text-align: center;">PS1 Presented Posters Lighting and Lighting Quality (Chair: Gillian Isoardi, AU)</p>	<p style="text-align: center;">PS2 Presented Posters Colour Quality / Photobiology / Measurements (Chair: Li-Chen Ou, TW)</p>	14:00 - 15:00
14:00 - 14:05	PP01: Szu-Cheng Chien, SG AN INTEGRATED CYBER-PHYSICAL MODEL TOWARDS HIGH-PERFORMANCE LIGHTING SYSTEMS OPERATION	PP11: Tsung-Hsun Yang, TW OBJECT COLOUR DIFFERENCE ARISING FROM LIGHT SOURCES WITH VARIOUS CCT	14:00 - 14:05
14:05 - 14:10	PP02: Tao Luo, CN A NEW SIMULATION METHOD FOR PREDICTING LIGHTING ENERGY CONSUMPTION OF OPEN-PLAN OFFICES	PP12: Mengmeng Wang, GB Presenter: Ronnier Luo, GB SKIN COLOUR MEASUREMENT BY USING NON-CONTACT METHODS	14:05 - 14:10
14:10 - 14:15	PP03: Matej Bernard Kobav, SI SPATIAL DISTRIBUTION OF SKY LUMINANCE AND CCT	PP13: Andrew Chalmers, NZ EXPERIMENTS IN COLOUR RENDERING ASSESSMENT	14:10 - 14:15
14:15 - 14:20	PP04: Yuzhao Wang, CN Presenter: Ronnier Luo, GB SKIN LIGHTING STUDY BASED ON MULTISPECTRAL IMAGES	PP14: Youngshin Kwak, KR COLOR APPEARANCE OF LED LIGHTS	14:15 - 14:20
14:20 - 14:25	PP06: Yang Yang, CN Presenter: Ronnier Luo, GB GLARE MODEL FOR NON-UNIFORM WHITE LED LUMINAIRES	PP15: Chao-Hua Wen, TW INVESTIGATION OF FLICKER METRICS FOR LIGHTING ON HIGH SPEED ROADS	14:20 - 14:25
14:25 - 14:30	PP08: Maria Nilsson Tengelin, SE EVALUATION OF LIGHTING AND VISUAL COMFORT IN SWEDISH CLASSROOMS	PP16: Roman Dubnicka, SK ANALYSIS OF VISUAL FIELD OF OBSERVER IN CONNECTION WITH THE ADAPTATION LUMINANCE DETERMINATION IN MESOPIC PHOTOMETRY	14:25 - 14:30
14:30 - 14:35	PP09: Yinqiu Yuan, TW EFFECTS OF AGE AND GENDER ON VISUAL COMFORT FOR READING USING WHITE LED LIGHTS	PP17: Maurice Donners, NL EXPERIMENTAL EVALUATION OF LONG-TERM ECO-SYSTEM EFFECTS OF ARTIFICIAL LIGHTING ON A FORREST EDGE	14:30 - 14:35
14:35 - 14:40	PP10: Dragan Sekulovski, NL MEASURING TEMPORAL LIGHT QUALITY	PP19: Liu Gang, CN RESEARCH: THE QUANTITATIVE RELATIONSHIP BETWEEN NATURAL LIGHT AND SWIFT NEST HOMING BEHAVIOUR	14:35 - 14:40
14:40 - 14:45	PP26: Yasuko Koga, JP TOWARDS THE NEW GENERATION OF LIGHTING DESIGN FOR ADVANCED CONTAINER TERMINALS	PP20: Oliver Stefani, DE EFFECTS OF DISCERNIBLE ILLUMINANCE CHANGES ON PERFORMANCE AND CONDITION	14:40 - 14:45
14:45 - 14:50	PP27: Haiping Shen, CN FAST MEASUREMENT METHOD FOR SKY PERCENTAGE IN TUNNEL LIGHTING	PP21: Anders Thorseth, DK A COMPARISON OF GONIOPHOTOMETRIC MEASUREMENT FACILITIES	14:45 - 14:50
14:50 - 14:55		PP24: Denan Konjhodzic, DE APPLICATION OF STRAY LIGHT CORRECTED ARRAY-SPECTRORADIOMETERS	14:50 - 14:55
14:55 - 15:00		PP18: Natasha Nel-Sakharova, ZA AN ASSESSMENT OF THE PHOTOBIOLOGICAL SAFETY OF TYPICAL LED PRODUCTS USED IN SOUTH AFRICA	14:55 - 15:00
15:00	COFFEE BREAK		15:00
15:30 - 17:30	<h2>Poster Session</h2>		15:30 - 17:30
19:00	Conference Dinner <i>Cargo Hall</i>		19:00

Saturday morning, March 5

Room 0					
09:00 - 09:35	Invited Presentation Bryan King, NZ Australian and New Zealand Road Lighting - Applying Advanced Energy Performance Metrics (Chair: Peter Zwick, AT)			09:00 - 09:35	
Room 1		Room 2		Room 3	
09:50 - 11:05	PA4-1 Light and vision (Chair: Yinqi Yuan, TW)	PA4-2 Interior applications – Efficiency and visual perception quality (2) (Chair: Lars-Frederik Forberg, DK)	PA4-3 Exterior applications – Efficiency and visual perception quality (Chair: Maurice Donners, NL)	09:50 - 11:05	
09:50 - 10:05	OP31: Lili Wang, CN INFLUENCE OF CONTRAST AND COLOR ON THE VISIBILITY OF THE STROBOSCOPIC EFFECT OF TEMPORAL MODULATED LEDS	OP34: Yu Hu, CN ASSESSING UNIFORMITY OF ILLUMINANCE BASED ON AN LED TUNABLE SYSTEM	OP38: Steve Fotios, GB VARYING FACIAL EXPRESSIONS IN STUDIES OF INTERPERSONAL JUDGEMENTS AND PEDESTRIAN LIGHTING	09:50 - 10:05	
10:05 - 10:20	OP32: Chan-Su Lee, KR EFFECT OF COLOR AND LUMINOUS INTENSITY ON THE PHANTOM ARRAY	OP37: Wenyu Hu, AU LUMINANCE RESOLUTION OF LIGHTING CONTROL SYSTEMS: USABILITY AND ENERGY CONSERVATION	OP39: Yi-Chun Chen, TW LUMINANCE CONTRAST STUDY OF LED TRAFFIC SIGNS	10:05 - 10:20	
10:20 - 10:35	OP33: Lihao Xu, CN THE DEVELOPMENT OF A COLOUR DISCRIMINATION INDEX	OP52: Dionyz Gasparovsky, SK PROPOSAL OF A METHOD FOR ASSESSMENT OF ENERGY PERFORMANCE OF LIGHTING IN RESIDENTIAL BUILDINGS	OP50: Rob van Heur, BE MAINTENANCE FACTOR FOR STREET LIGHTING	10:20 - 10:35	
10:35 - 11:05	Discussion	Discussion	Discussion	10:35 - 11:05	
11:05	COFFEE BREAK			11:05	
11:35 - 12:50	PA5-1 Photobiological effects and their measurement (Chair: Teresa Goodman, GB)	PA5-2 Characterization of LEDs and OLEDs (Chair: Tony Bergen, AU)	PA5-3 Road lighting (Chair: Ron Gibbons, US)	11:35 - 12:50	
11:35 - 11:50	OP41: Meilin Wang, CN EFFECTS OF LIGHTING PARAMETERS ON WORK PERFORMANCE USING COMPREHENSIVE METHODS	OP30: Armin Sperling, DE HIGH SPEED MEASUREMENT METHODS FOR LARGE AREA OLEDs	OP47: Giuseppe Rossi, IT ON SITE ROAD SURFACE CHARACTERIZATION	11:35 - 11:50	
11:50 - 12:05	OP42: Shiqi Zheng, CN THE EFFECT OF CCT-CHANGING DYNAMIC LIGHT ON HUMAN ALERTNESS	OP56: Andras Poppe, HU MULTI-DOMAIN MODELING OF POWER LEDS BASED ON MEASURED ISOTHERMAL I-V-L CHARACTERISTICS	OP48: Maurice Donners, NL ROAD LIGHTING FOR AGEING DRIVERS – A USERS' PERSPECTIVE	11:50 - 12:05	
12:05 - 12:20	OP43: Hiroshi Shitomi, JP CONSIDERATION ON SAFETY FACTORS APPLIED TO A SIMPLIFIED APPROACH TO EVALUATE BLUE LIGHT HAZARD OF GENERAL LIGHT SOURCES BY MEANS OF PHOTOMETRY	OP57: Yoshi Ohno, US SOLID-STATE LIGHTING MEASUREMENT ASSURANCE PROGRAM SUMMARY WITH ANALYSIS OF METADATA	OP49: Burcu Buyukkinaci, TK ANALYSIS OF ROAD LIGHTING AUTOMATION SCENARIOS ACCORDING TO VISIBILITY PERFORMANCE	12:05 - 12:20	
12:20 - 12:50	Discussion	Discussion	Discussion	12:20 - 12:50	
12:50	LUNCH			12:50	

Saturday afternoon, March 5

	Room 1	Room 2	Room 3	
14:20 - 15:35	PA6-1 Interior applications - Visual comfort (Chair: Kevin Houser, US)		PA6-3 Mesopic photometry (Chair: Dragan Sekulovski, NL)	14:20 - 15:35
14:20 - 14:35	OP45: Toshie Iwata, JP MEASUREMENT OF LUMINANCE DISTRIBUTION OF SPORTS LIGHTING - TOWARD DEVELOPMENT OF EVALUATION METHOD FOR LED SPORTS LIGHTING 'GLARE'	WS04 Definition of radiance and luminance Convener: Tony Bergen, AU	OP53: Steve Fotios, GB GAZE BEHAVIOUR WHEN DRIVING AFTER DARK ON MAIN AND RESIDENTIAL ROADS	14:20 - 14:35
14:35 - 14:50	OP44: Mandana Sarey Khanie, CH GAZE RESPONSIVE VISUAL COMFORT: NEW FIDINGS ON GAZE BEHAVIOUR IN A DAYLIT OFFICE SPACE IN RELATION TO GLARE		OP54: Tatsukiyo Uchida, JP M/P RATIO METHOD FOR MESOPIC LUMINANCE MESUREMENT	14:35 - 14:50
14:50 - 15:05	OP46: Mehdi Amirkhani, AU REDUCING LUMINANCE CONTRAST ON THE WINDOW WALL AND USERS' INTERVENTIONS IN AN OFFICE ROOM		OP55: Teng Hai Lau, CN A NEW MEASUREMENT SOLUTION FOR MESOPIC PHOTOMETRY OF ROAD LIGHTING	14:50 - 15:05
15:05 - 15:35	Discussion		Discussion	15:05 - 15:35
15:40	CLOSING CEREMONY			15:40
16:00	COFFEE			16:00

Colour Key

DAY	ROOM / SESSION NO.
INVITED TALK	WORKSHOP
ORAL PRESENTATION	PRESENTED POSTER
ORAL PRESENTATION	POSTER
BREAK	SOCIAL EVENT
	OPENING/CLOSING CEREMONY

POSTERS

P01	Raoul Lorphèvre, BE	NEW METHOD FOR ANALYSIS OF ANNUAL TUNNEL APPROACH DAYLIGHT
P02	Raoul Lorphèvre, BE	PUBLIC LIGHTING, PROFIT OR COST TO SOCIETY? A STUDY THROUGH ACCIDENT RISKS
P03	Roman Dubnicka, SK	COMPARISON OF THE MEASUREMENT METHODS OF TUNNEL LIGHTING IN RESPECT OF CIE 194:2011
P04	Roman Dubnicka, SK	FIELD MEASUREMENT OF THE FOOTBALL STADIUM'S LIGHTING
P05	Lars-Fredrik Forberg, NO	DIFFERENCES IN PERCEIVED BRIGHTNESS BETWEEN HIGH PRESSURE SODIUM AND LED LIGHT SOURCES
P06	Navaz Davoudian, GB	DOES STREET LIGHTING AFFECT PEDESTRIAN BEHAVIOUR AT NIGHT?
P07	Oscar Preciado, AR	THE EFFECT OF ROAD LIGHTING LUMINAIRE SPECTRAL POWER DISTRIBUTION OVER LUMINANCE PERCEPTION CONSIDERING ROAD REFLECTANCE AND HUMAN EYE TRANSMITTANCE
P08	Minwook Lee, KR Presenter: Jongsung Han, KR	A COMPARATIVE ANALYSIS OF LED ROAD LIGHTING LUMINAIRE PERFORMANCE AND A SUGGESTION FOR A SELECTION PROCEDURE
P09	Shuxiao Wang, CN	INTRODUCTION ON TECHNICAL STANDARDIZATION PROGRESS OF LED ROADWAY LIGHTING IN CHINA
P10	Seongsik Yoo, KR	THE SURVEY AND THE LIMIT METHOD OF LIGHT POLLUTION BY DECORATIVE LIGHTING
P11	Masako Miyamoto, JP	ACTUAL CONDITION OF RESIDENTIAL LIGHTING IN JAPAN AND THE UNITED STATES
P12	Bao-Jen Pong, TW	IMPACTS STUDY OF THE BACKGROUND LUMINANCE AND ILLUMINATION LEVEL ON MEASURING OF LED BILLBOARDS IN TAIWAN
P13	Li Na, CN	RESEARCH ON THE LIGHT INTRUSION CAUSED BY LED ADVERTISING SCREENS IN THE BEIJING-TIANJIN REGION
P14	Rob van Heur, BE	UNIVERSAL INTELLIGENT STREET LIGHTING PLATFORMS
P15	Hyensou Pak, KR	EFFECTS OF COLOUR TEMPERATURE OF IN-VEHICLE LED LIGHTING ON PASSENGER'S PHYSIOLOGICAL RESPONSES AND PREFERENCE
P16	Maki Ichihara, JP	RELATIONSHIP BETWEEN SPATIAL BRIGHTNESS PERCEPTION AND LUMINANCE BALANCE IN WINDOWED ROOMS
P17	Mika Kato, JP	EVALUATION METHOD OF SPATIAL BRIGHTNESS BY DIRECTIONAL DIFFUSIVITY AND MEAN LUMINANCE
P18	Naoyuki Suzuki, JP	A STUDY ON THE EFFECT OF NON-UNIFORM LIGHTING ENVIRONMENT TO OCCUPANTS IN A WIDE OPEN-PLAN WORKPLACE
P19	Michiko Kunishima, JP	FACIAL ILLUMINANCE, WORKING SURFACE ILLUMINANCE AND SPACE EVALUATION AT VARIOUS ACTS IN JAPANESE RESIDENTIAL LIGHTING
P20	Raphael Kirsch, DE Presenter: Dorukalp Durmus, DE	DESIGN OF A LABORATORY TO MEASURE PSYCHOLOGICAL EFFECTS IN OFFICE LIGHTING
P21	Etsuko Mochizuki, JP	SUBJECTIVE EXPERIMENT ON OBTRUSIVE GLARE IN GYMNASIUM
P22	Ching-Ju Chou, TW	ASSESSMENT OF GLARE RATING FOR NON-UNIFORM LIGHT SOURCES
P23	Naoya Hara, JP	VISUAL CHARACTERISTICS FOR EVALUATING THE DISCOMFORT GLARE - RELATIONSHIP BETWEEN THE POSITION, SIZE, ARRAY OF THE LED CHIPS, AND BCD ON THE DISCOMFORT GLARE
P24	Shuxiao Wang, CN	THE INFLUENCE OF COLOR RENDERING CHARACTERISTICS ON THE TELEVISION PICTURE COLOR REPRODUCTION
P25	Taiichiro Ishida, JP	EVALUATION OF PSYCHOLOGICAL IMPRESSIONS OF TWO-COLOR GRADATION LIGHTING
P26	Maria Georgoula, GB Presenter: Ronnier Luo, GB	SPECIFICATION FOR THE CHROMATICITY OF WHITE AND COLOURED LIGHT SOURCES
P27	Giuseppe Rossi, IT	INFLUENCE OF LED LIGHTING ON COLOUR EVALUATION
P28	Tomoaki Kozaki, JP	EFFECTS OF DIFFERENT WAVELENGTH COMPOSITION OF MORNING LIGHT ON LIGHT-INDUCED MELATONIN SUPPRESSION AT NIGHTTIME.
P29	Raisa Stolyarevskaya, RU Presenter: Alexey Bartsev, RU	METROLOGICAL INSURANCE OF SPECTRAL-RADIOMETRY APPROACH IN VNISI TESTING CENTRE
P30	Raisa Stolyarevskaya, RU Presenter: Alexey Bartsev, RU	COMPARISON OF DETECTOR BASED AND SPECTRORADIOMETRIC MEASUREMENT APPROACHES IN PHOTOMETRY AND COLORIMETRY OF SSL LIGHTING
P31	Carlos Velásquez, EC	STRAY LIGHT MEASUREMENT WITH SOLID STATE LIGHT LUMINAIRE IN A C-TYPE GONIOPHOTOMETER WITH ROTATING MIRROR
P32	Roman Dubnicka, SK	METHOD OF VALIDATION OF NEAR-FIELD GONIOPHOTOMETERS BASED ON IMAGE PHOTOMETERS