

Monday, September 27

Local Time MYT			
10:00 - 14:00	Exhibitions, Posters, casual networking, MyCIE		
14:00 - 14:15	Opening		
14:15 - 15:15	INVITED SPEAKER IP01 Yvonne de Kort, NL AN INTEGRATIVE PERSPECTIVE ON DYNAMIC LIGHTING, AND HOW IT SHOULD BE STUDIED		
15:15 - 15:30	Break		
15:30 - 17:00	OS1 Road surfaces (D4) Chair: Dionyz Gasparovsky, SK	OS2 Integrative lighting 1 (D3/D6) Chair: Adrie de Vries, NL	OS3 Visual appearance (D1/D8) Chair: Po-Chieh Hung, US
15:30 - 15:45	OP01 Valérie Muzet, FR IS IT POSSIBLE TO ACHIEVE QUALITY LIGHTING WITHOUT CONSIDERING THE PHOTOMETRY OF THE PAVEMENTS?	OP05 Myrta Gkaintatzi Masouti, NL VALIDATION OF SPECTRAL SIMULATION TOOLS FOR THE PREDICTION OF INDOOR ELECTRIC LIGHT EXPOSURE	OP10 Shoma Amari, JP MODELLING OF PERCEPTUAL GLOSS BY PHYSICAL MEASUREMENT OF FLAT SURFACE
15:45 - 16:00	OP02 Celine Villa, FR CHARACTERISATION OF LUMINESCENT ROAD MARKINGS	OP06 Veronica Garcia Hansen, AU CAPTURING THE LUMINOUS ENVIRONMENT IN HOSPITAL ROOMS: AN OVERVIEW OF OCCUPANT-CENTERED METHODS TO INFORM DESIGN PRACTICE	OP11 Xiaoyi Zhu, JP EFFECT OF LIGHT SOURCE DISTANCE ON THE DISCRIMINATION AND GLOSS PERCEPTION OF PAPER
16:00 - 16:15	OP03 Laure Lebouc, FR INFLUENCE OF ROAD SURFACES ON THE CALCULATION OF A TARGET VISIBILITY TAKING INTO ACCOUNT THE DIRECT AND INDIRECT LIGHTING	OP07 Yukie Miura, JP EXAMINATION OF PSYCHOLOGICAL EFFECTS AND THE ADDITIVITY ASSUMPTION IN THE STRESS EVALUATION OF CHROMATIC LED LIGHTINGS	OP12 Riho Ogawa, JP COLOUR PERCEPTION OF LED POINT LIGHT SOURCES IN SCOTOPIC VISION
16:15 - 16:30	OP04 Florian Greffier, FR HOW TO TAKE INTO ACCOUNT THE HETEROGENEITY OF OPTICAL PROPERTIES OF A PAVEMENT IN LIGHTING DESIGN ?	OP08 Henrika Pihlajaniemi, FI DESIGN FRAMEWORK FOR LIGHTING AND OCCUPATIONAL WELL-BEING IN UNDERGROUND SPACES: CASE STUDY IN PYHÄSALMI MINE	DISCUSSION
16:30 - 17:00	DISCUSSION	DISCUSSION	
17:00 - 17:30	Break for supper/lunch/dinner/morning tea/breakfast		
17:30 - 19:00	OS4 Measurement theory (D2) Chair: Tobia Schneider, DE	WS1 Integrative lighting activities and applications Conveners: Peter Thorns, GB / Luc Schlangen, NL	WS2 Adaptive road lighting Convener: Dionyz Gasparovsky, SK
17:30 - 17:45	OP13 Thorsten Gerloff, DE AN OVERVIEW OF IMPORTANT FACTORS TO CONSIDER WHEN CALIBRATING LEDS IN PHOTOMETRY WITH DIFFERENT DETECTORS		WP01 Constantinos Bouroussis, GR A HOLISTIC METHOD FOR THE COMMISSIONING AND OPTIMISATION OF ADAPTIVE ROAD LIGHTING SYSTEMS USING LABORATORY AND FIELD MEASUREMENTS
17:45 - 18:00	OP14 Benjamin Ruggaber, DE DEGREE OF EQUIVALENCE OF TRISTIMULUS VALUES OF LEDS UNDER CONSIDERATION OF MEASUREMENT UNCERTAINTY AND CORRELATION		WP02 Dionyz Gasparovsky, SK ASSESSMENT OF ROAD LIGHTING PERFORMANCE FOR TRAFFIC INTENSITY AND TRAFFIC DETECTION BASED LIGHTING ADAPTATION

18:00 - 18:15	OP15 Forrest Webler, CH SPECTRAL MEASUREMENT AND CLASSIFICATION IN THE ERA OF BIG DATA		
18:15 - 19:00	DISCUSSION		
19:00 - 19:15	Break		
19:15 - 20:45	OS5 Integrative lighting 2 (D3/D6) Chair: Luc Schlangen, NL	WS3 Tutorial on Enhancement of images for colour-deficient observers Convener: Po-Chieh Hung, US	WS4 Practical determination of sampling interval in photometry and radiometry Convener: Tony Bergen, AU
19:15 - 19:30	OP16 Steffen Hartmeyer, CH TOWARDS A FRAMEWORK FOR LIGHT-DOSIMETRY STUDIES: METHODOLOGICAL CONSIDERATIONS		
19:30 - 19:45	OP17 Mihai Husch, RO NEW ANTIMICROBIAL STRATEGIE USING COMPOSITIONS WITH PHOTOCATALYTIC PROPERTIES		
19:45 - 20:00	OP18 Janine Stampfli, CH THE LIGHT-DOSIMETER – A NEW DEVICE TO HELP ADVANCE RESEARCH ON THE NON-VISUAL RESPONSES TO LIGHT		
20:00 - 20:15	OP19 Manuel Spitschan, GB LUOX: NOVEL OPEN-ACCESS AND OPEN-SOURCE WEB PLATFORM FOR CALCULATING AND SHARING PHYSIOLOGICALLY RELEVANT QUANTITIES FOR LIGHT AND LIGHTING		
20:15 - 20:45	DISCUSSION		
20:45 - 21:00	Break		
21:00 - 22:00	INVITED SPEAKER IP02 Edward Nardell, US VIRAL PANDEMICS: WHY GERMICIDAL UV AIR DISINFECTION IS ESSENTIAL		
22:00 - 23:00	Networking Event Trivia Session Hosted by Tony Bergen (AU), Vineetha Kalavally (MY), Peter Thorns (GB)		
23:00 - 00:00	Access Lobby Access to prerecorded presentations from day before Access to poster paper booths		

Tuesday, September 28

Local Time MYT			
00:00 - 14:00	Access Lobby Access to prerecorded presentations from day before Access to poster paper booths		
14:00 - 15:30	OS6 Glare (D3) Chair: Peter Thorns, GB	OS7 Daylight (D3) Chair: Martine Knoop, DE	OS8 Temporal light modulation (D1/D2) Chair: Qian (Cherry) Li, CN
14:00 - 14:15	OP20 Simon Martin, BE DAYLIGHT GLARE PROBABILITY PREDICTION FOR AN OFFICE ROOM	OP24 Gizem Izmir Tunahan, GB THE ROLE OF DAYLIGHT IN LIBRARY USERS' SEAT PREFERENCES	OP27 Paul Dekker, NL FACILITY FOR CALIBRATION OF PHOTOMETERS FOR TEMPORAL LIGHT MODULATION
14:15 - 14:30	OP21 Sneha Jain, CH ON SENSITIVITY TO GLARE AND ITS RELATIONSHIP WITH MACULAR PIGMENT	OP25 Yuki Oe, JP EFFECTS OF THE TRIPLE SPLIT WINDOW SCREEN ON VISUAL PRIVACY AND VIEW IN THE RESIDENTIAL LIVING SPACE	OP28 Anders Thorseth, DK SENSITIVITY ANALYSIS ON THE EFFECT OF MEASUREMENT NOISE AND SAMPLING FREQUENCY ON THE CALCULATION OF THE TEMPORAL LIGHT ARTEFACTS
14:30 - 14:45	O22 Geraldine Quek, CH USER EVALUATIONS OF CONTRAST-DOMINANT DISCOMFORT GLARE IN DIM DAYLIT SCENARIOS: PRELIMINARY FINDINGS	OP26 Francisca Rodriguez, AU ADAPTATIONS TO SUBJECTIVE INSTRUMENTS FOR DYNAMIC VIEW ASSESSMENT EVALUATION	OP29 Naomi Miller, US DEFINITION MODIFICATIONS FOR TEMPORAL LIGHT MODULATION ("FLICKER")
14:45 - 15:00	OP23 Gilles Vissenberg, NL A GENERIC GLARE SENSATION MODEL BASED ON THE HUMAN VISUAL SYSTEM	DISCUSSION	DISCUSSION
15:00 - 15:30	DISCUSSION		
15:30 - 15:45	Break		
15:45 - 17:15	WS5 Methods for measuring discomfort from glare Convener: Steve Fotios, GB	WS6 Pre-vitamin D action spectrum: challenging CIE towards a standard Convener: Ann Webb, GB	WS7 Revision of ISO/CIE 19476 and CIE S 025 Convener: Armin Sperling, DE
			WP03 Udo Krüger, DE GENERAL V(λ) MISMATCH INDEX - HISTORY, CURRENT STATE, NEW IDEAS
			WP04 Ville Mantela, FI NOVEL EVALUATION METHOD FOR GENERAL PHOTOMETER MISMATCH INDEX f1'
17:15 - 17:45	Break for supper/lunch/dinner/morning tea/breakfast		

17:45 - 19:15	Poster Session		
19:15 - 20:15	<p style="text-align: center;">INVITED SPEAKER IP03 Annika Jägerbrand, SE and Costis Bouroussis, GR</p> <p style="text-align: center;">MEASURES FOR REDUCING THE ADVERSE EFFECTS OF ARTIFICIAL LIGHT AT NIGHT: INTER-DISCIPLINARY DEVELOPMENT AND PROGRESS</p>		
20:15 - 21:15	<p style="text-align: center;">Networking Events</p> <p style="text-align: center;">1. Fledgling Professionals Hosted by CIE President Peter Blattner (CH) and CIE VPT Jennifer Veitch (CA)</p> <p style="text-align: center;">2. A Taste of Malaysia - Virtual Cooking and Gardening Tour Hosted by Sarah Khong - New Malaysian Kitchen Instructor (MY)</p>		
21:15 - 22:45	<p style="text-align: center;">OS9 Benefits and disadvantages of road lighting (D4) Chair: Sermin Onaygil, TR</p>	<p style="text-align: center;">OS10 Residential lighting (D3) Chair: Nozomu Yoshizawa, JP</p>	<p style="text-align: center;">OS11 Measurement equipment evaluation (D2) Chair: Thomas Reiners, DE</p>
21:15 - 21:30	<p style="text-align: center;">OP30 Maria Nilsson Tengelin, SE</p> <p>A NOVEL METHOD FOR STUDYING THRESHOLD LEVELS FOR POSITIVE PHOTOTAXIS IN INSECTS</p>	<p style="text-align: center;">OP33 Cláudia Amorim, BR</p> <p>LIGHTING CONDITIONS IN BRAZILIAN AND COLOMBIAN HOME OFFICES: A PRELIMINARY STUDY BASED ON OCCUPANT'S PERCEPTION</p>	<p style="text-align: center;">OP37 Yoshi Ohno, US</p> <p>IEA 4E SSL ANNEX INTERLABORATORY COMPARISON OF GONIOPHOTOMETERS MEASURING SOLID STATE LIGHTING PRODUCTS – RESULTS</p>
21:30 - 21:45	<p style="text-align: center;">OP31 Steve Fotios, GB</p> <p>INVESTIGATING LIGHT AND CRIME USING AMBIENT LIGHT LEVEL</p>	<p style="text-align: center;">OP34 Banu Manav, TR</p> <p>ANALYSES ON OCCUPANT PATTERNS AND ENERGY CONSUMPTION IN RESIDENTIAL BUILDINGS INCLUDING THE COVID-19 PANDEMIC</p>	<p style="text-align: center;">OP38 Johannes Ledig, DE</p> <p>NONLINEARITY OF CHARGE ACCUMULATING PIXEL MATRIX SENSORS USED IN IMAGING LUMINANCE MEASUREMENT DEVICES</p>
21:45 - 22:00	<p style="text-align: center;">OP32 Chloe Robbins, GB</p> <p>OPTIMISING ROAD LIGHTING TO REDUCE ROAD TRAFFIC CRASHES</p>	<p style="text-align: center;">OP35 Barbara Matusiak, NO</p> <p>HOME OFFICE SURVEY IN THE SCOPE OF THE IEA SHC TASK 61, THE LIGHTING CONDITIONS FOR STUDENTSE</p>	<p style="text-align: center;">OP39 Kinza Maham, FI</p> <p>METHODOLOGIES TO MEASURE SPATIAL UNIFORMITIES OF INTEGRATING SPHERES</p>
22:00 - 22:15	DISCUSSION	<p style="text-align: center;">OP36 Rengin Aslanoğlu, PL</p> <p>AN INTERNATIONAL SURVEY ON RESIDENTIAL LIGHTING: ANALYSIS OF WINTER-TERM RESULTS</p>	<p style="text-align: center;">OP40 Florian Stuker, CH</p> <p>sensLAB: TESTING MOTION AND PRESENCE SENSORS FOR SMART LIGHTING</p>
22:15 - 22:45		DISCUSSION	DISCUSSION
22:45 - 23:45	<p style="text-align: center;">Access Lobby Access to prerecorded presentations from day before Access to poster paper booths</p>		

Wednesday, September 29

Local Time MYT			
00:00 - 14:00	Access Lobby Access to prerecorded presentations from day before Access to poster paper booths		
14:00 - 15:30	OS12 Measurement of materials and sources (D2) Chair: Gaël Obein, FR		WS8 Cone-fundamental-based colorimetry Convener: Lorne Whitehead, CA
14:00 - 14:15	OP41 Pablo Santafé-Gabarda, ES EVALUATION OF THE BIDIRECTIONAL SCATTERING-SURFACE REFLECTANCE DISTRIBUTION FUNCTION FOR DIFFERENT LEVELS OF TRANSLUCENCY		
14:15 - 14:30	OP42 Dipanjana Saha, FR DEVELOPMENT OF A μ BRDF GONIOSPECTROPHOTOMETER FOR BRDF MEASUREMENT ON TINY SURFACES		
14:30 - 14:45	OP43 Yuqin Zong, US ACCURATE MEASUREMENT OF ULTRAVIOLET LIGHT-EMITTING DIODES		
14:45 - 15:30	DISCUSSION		
15:30 - 15:45	Break		
15:45 - 16:45	INVITED SPEAKER IP04 Warren Julian, AU SKYLIGHT AND SUNLIGHT; THE FORGOTTEN LIGHT SOURCES		
16:45 - 17:45	Networking Event A Date with Malaysia - Old Kuala Lumpur - East West Connection Virtual 360 Tour Hosted by Jane Rai - Tour Guide (MY)		
17:45 - 19:15	OS13 Colour appearance models (D1/D8) Chair: Kaida Xiao, GB	OS14 Lit environment (D3) Chair: Veronica Garcia Hansen, AU	OS15 Road lighting metrics (D4) Chair: Steve Fotios, GB
17:45 - 18:00	OP44 Keyu Shi, CN TESTING THE PERFORMANCE FOR UNRELATED COLOUR APPEARANCE MODELS	OP48 Hiroyuki Miyake, JP QUANTIFICATION OF THE EFFECT OF LIGHTING ENVIRONMENT ON SPACIOUSNESS OF INTERIOR SPACE	OP53 Ulrika Wänström, SE IMPACT OF QUALITATIVE AND QUANTITATIVE METHODS ON THE EVALUATION OF STREET LIGHTING UNIFORMITY
18:00 - 18:15	OP45 Ming Luo, CN TWO-DIMENSIONAL COLOUR APPEARANCE SCALES FOR COLOUR STIMULI HAVING HIGH DYNAMIC RANGE	OP49 Nozomu Yoshizawa, JP A NEUROPHYSIOLOGY-BASED MODEL TO ESTIMATE VISIBILITY IN ACTUAL LIGHTING ENVIRONMENT	OP54 Alexander Basov, RU NUMERICAL-ANALYTICAL MODEL OF THE LUMINANCE FACTOR OF AN ARBITRARY SURFACE
	OP46 Balázs Vince Nagy, HU	OP50 Musashi Koyama, JP	OP55 Vincent Boucher, FR

18:15 - 18:30	CHROMATIC DISCRIMINATION THRESHOLDS OBSERVED IN CAM02-UCS AND CAM16-UCS	EFFECTS OF LUMINOUS COLOUR SHIFT Duv ON COLOUR PREFERENCE	KEEPING THE BENEFIT OF ILM D'S HIGH RESOLUTION IN MEASURING LIGHTING QUALITY PARAMETERS
18:30 - 18:45	OP47 Ching-Ching Wu, TW REFERENCE WHITE IN A COMPLEX VIRTUAL REALITY ENVIRONMENT	OP51 Kei Suzuki, JP THE EFFECT OF LIGHTING ENVIRONMENT ON FACIAL EXPRESSION PERCEPTION IN VIDEO TELECONFERENCING	DISCUSSION
18:45 - 19:15	DISCUSSION	DISCUSSION	
19:15 - 19:45	Break for supper/lunch/dinner/morning tea/breakfast		
19:45 - 21:15	OS16 Lighting trade-offs (D1) Chair: Yoko Mizokami, JP	OS17 Tools; Cultural concepts (D3) Chair: Cláudia Amorim, BR	OS18 Pedestrian-related issues (D4) Chair: Nigel Parry GB
19:45 - 20:00	OP56 Rugved Kore, US DAMAGE REDUCTION WITH MAINTAINED COLOUR QUALITY OF ARTWORK UNDER RGB PROJECTOR	OP60 Laura Bellia, IT VIRTUAL REALITY: A PROMISING APPROACH FOR LIGHTING RESEARCH	OP64 Khalidh Hamoodh, GB THE VISUAL CUES USED TO EVALUATE OTHER PEDESTRIANS; FACE, BODY, OR SOMETHING ELSE?
20:00 - 20:15	OP57 Suzuki Mizushima, JP THE DIFFUSENESS OF ILLUMINATION SUITABLE FOR REPRODUCING OBJECT SURFACE APPEARANCE USING COMPUTER GRAPHICS	OP61 Nima Baradaran-Razaz, SE HOW BUILDING INFORMATION MODELLING CAN SUPPORT INCREASED RECYCLING OF LUMINAIRE AND LIGHT SOURCES	OP65 Steve Fotios, GB USING RELATIVE VISUAL PERFORMANCE TO PREDICT THE ABILITY TO MAKE INTERPERSONAL EVALUATIONS
20:15 - 20:30	OP58 Maha Ishihara, JP A STUDY ON THE DIFFERENCES IN VISION BETWEEN THE YOUNG AND THE ELDERLY IN SIGNS	OP62 Hillevi Hemphaelae, SE VERAM, A SUBJECTIVE AND OBJECTIVE VISUAL ERGONOMICS RISK ASSESSMENT METHOD- A DESCRIPTIVE PAPER OF THE OBJECTIVE RISKS	OP52 Belal Abboushi, US ILLUMINANCE AT THE EYE AS A SIMPLE METRIC FOR DISCOMFORT GLARE FROM PEDESTRIAN SCALE LUMINAIRE
20:30 - 20:45	OP59 Jennifer Veitch, CA COLOUR FIDELITY AND ILLUMINANCE TRADE-OFF: TESTING LIGHTING VALUES	OP63 Gizem Izmir Tunahan, GB CONCEPTUAL FRAMEWORK OF CULTURAL BACKGROUND IN THE LIT ENVIRONMENT	DISCUSSION
20:45 - 21:15	DISCUSSION	DISCUSSION	
21:15 - 22:15	Interactive closing - How did the conference go? Quiz prizes, best student paper prize, best poster prize		

Key

Opening/Closing
Orl Paper session
Workshops
Invited speaker
Posters
Social events
Exhibitors
Outside PCO support time
Break

Time zones:

New Zealand: NZDT = MYT + 5 hours
Australia east coast: AEST = MYT + 2 hours
Central Europe: CEST = MYT - 6 hours
Brazil: BRT = MYT - 11 hours
North America east coast: EDT = MYT - 12 hours
North America west coast: PDT = MYT - 15 hours

Poster presentations:

D1

PO01	Cehao	Yu	Netherlands	CHROMATIC LIGHT FIELD EFFECTS ON PERCEIVED MODELLING AND COLOUR HARMONY
PO03	Dragan	Sekulovski	Netherlands	TOWARDS AN AVIAN FLICKER VISIBILITY MEASURE
PO04	Maria	Nilsson Tengelin	Sweden	ARE THE DEMANDS IN ENTERTAINMENT LIGHTING TOO HIGH FOR WHITE LIGHT EMITTING DIODES?
PO05	Aayush	Bista	Nepal	OPTIMUM SPECTRUM OF LED LIGHTING FOR CULTURAL AND HERITAGE SITE: A CASE STUDY OF 15TH CENTURY WORLD HERITAGE SITE IN NEPAL
PO06	Lorne	Whitehead	Canada	DESIGN TRADE-OFFS FOR MULTI-PRIMARY BASED LIGHT SOURCES
PO08	Yuki	Akizuki	Japan	SPECTRAL TRANSMISSION AND SCATTERING CHARACTERISTICS OF HUMAN SKIN
PO09	Yuki	Kawashima	United States	PERCEIVED CHROMA AND HUE CHANGES OF COLOURS AT HIGH ILLUMINANCE LEVELS DUE TO HUNT EFFECT
PO11	Yi-Ming	Li	Chinese Taipei	VISUAL EFFECTS OF OBJECTS UNDER METAMERISM WITH MULTI-SPECTRAL LIGHT SOURCE
PO12	Viktoriia	Rybina	Russia	APPLICATION OF A STATISTICAL APPROACH TO THE DESCRIPTION OF COLOUR PERCEPTION THRESHOLDS
PO13	Yuwei	Wang	United States	SUBJECTIVE EVALUATION OF VISUAL COMPLEXITY, CLARITY, AND PREFERENCE OF INDOOR ENVIRONMENTS

D2

PO14	Vyacheslav	Panin	Russia	DEVELOPMENT OF A METHOD FOR MEASURING PPFD DISTRIBUTION OVER THE TECHNOLOGICAL AREA OF A GREENHOUSE BY A MOBILE INSTALLATION
PO15	Jianguen	Pan	China	EVALUATION OF IMPEDANCE OF CABLES IN GONIOPHOTOMETRY
PO17	Alexey	Bartsev	Russia	ILLUMINANCE DISTRIBUTION MEASUREMENT OF MUSEUM EXHIBITS USING DIGITAL IMAGING LUMINANCE METER
PO18	Constantinos	Bouroussis	Greece	METROLOGICAL CHALLENGES IN MONITORING OF SKY LUMINANCE DURING DAY AND NIGHT BY USING LUMINANCE METERS AND RGB IMAGING SENSORS
PO19	Petr	Kliment	Czech Republic	UNFILTERED TRAP-BASED PHOTOMETER CALIBRATION
PO20	Alejandro	Ferrero	Spain	IMPACT OF THE NORMALIZATION OF THE SPECTRAL RESPONSIVITY ON THE PERFORMANCE OF THE GENERAL $V(\lambda)$ MISMATCH INDEX
PO21	Philipp	Schneider	Germany	HANDLING OF CORRELATIONS OF SPECTRAL QUANTITIES IN TRACEABILITY CHAIN – BASICS FOR A PYTHON-BASED ANALYSIS FRAMEWORK
PO22	Tony	Bergen	Australia	EXPERIMENTAL VALIDATION OF THE 200 NM LIMIT FOR MEASUREMENTS OF ULTRAVIOLET RADIATION IN AIR
PO23	Oussama	BEN ABDELLAH	France	THE CORRELATED COLOUR TEMPERATURE: AN INFLUENTIAL PARAMETER IN AGEING OLEDs
PO24	Johannes	Ledig	Germany	SIGNAL CHARACTERISTIC OF A CAMERA WITH AN INTEGRATING AMPLIFIER AND LOGARITHMIC ENCODING AT THE PIXEL LEVEL
PO25	Armin	Sperling	Germany	RevStdLED: A EUROPEAN PROJECT TO SUPPORT THE REVISION OF STANDARDS RELATED TO SOLID STATE LIGHTING
PO26	Néstor	Tejedor	Spain	MEASUREMENT OF NORMAL / HEMISPHERICAL REFLECTANCE BY GONIOSPECTROPHOTOMETRY
PO27	Johannes	Ledig	Germany	UNCERTAINTY OF THE SPECTRAL MISMATCH ERROR IN MEASUREMENTS OF WHITE LEDs WHEN REFERENCING THE LUMINOUS RESPONSIVITY TO AN LED REFERENCE
PO28	David	Lerch	Germany	GENERIC MODEL FOR GONIOMETER GEOMETRIES
PO29	Igor	Zheleznov	Russia	STUDY OF METHODS FOR MEASURING THE OPTICAL CHARACTERISTICS OF LOW-PRESSURE MERCURY LAMPS
PO30	Dennis	Corell	Denmark	COMPARISON OF LUMINOUS FLUX MAINTENANCE METHODS, CONTINUOUS VS. ON/OFF CYCLES
PO31	Zhafirah	Ajrina	Indonesia	CHARACTERIZATION AND ANALYSIS OF SPECTRAL REFLECTANCE OF VARIOUS INTERIOR MATERIALS DUE TO TUNABLE LED LIGHTING
PO32	Brian HT	LEE	Hong Kong	CALIBRATION OF SPECTRAL IRRADIANCE SOURCES USING A FIBER-COUPLED SYSTEM
PO34	Alena	Kuznetsova	Russia	OPTIMISATION OF A MOBILE METHOD FOR MEASURING ROAD LIGHTING CHARACTERISTICS (LUMINANCE AND ILLUMINANCE)
PO35	Roman	Dubnicka	Slovakia	INFLUENCE OF ROTATION ANGLE OF SQUARE LUMINAIRES ON MEASURED PHOTOMETRIC PARAMETERS OF INDOOR WORKPLACES
PO36	Takara	Tamura	Japan	ESTIMATION OF COMPLEX LIGHT DISTRIBUTION CHARACTERISTIC BASED ON LIGHT FIELDS

D3

PO37	Kevin	Bertin	France	AN OVERVIEW OF THE IMPACT OF STRAY LIGHT FROM COMMERCIAL GREENHOUSES
PO38	Barbara	Matusiak	Norway	LESSONS LEARNED FROM REGISTRATION OF OCCUPANCY AND USE OF LIGHTING IN OFFICES, SCHOOLS, UNIVERSITIES AND INDUSTRY BUILDINGS, A CROSS COUNTRY
PO39	Arjen	Mentens	Belgium	OPTIMIZING CAMERA PLACEMENT FOR A LUMINANCE-BASED SHADING CONTROL SYSTEM
PO40	Dorukalp	Durmus	United States	A REAL-TIME INTEGRATIVE LIGHTING SYSTEM FRAMEWORK BASED ON MACHINE LEARNING
PO41	Anna	Pellegrino	Italy	HIEQ LAB: A NOVEL FULL-SCALE FACILITY WITH OCCUPANTS TO INVESTIGATE INTEGRATIVE LIGHTING AND HUMAN PERFORMANCE IN A MULTI-DOMAIN
PO42	Sevda	Aliparast	Turkey	ARTIFICIAL LIGHTING DESIGN WITH CONCEPT OF HUMAN CENTRIC LIGHTING CRITERIA IN CELL OFFICES
PO44	Kairu	Inoue	Japan	CREATING A SENSE OF THE UNUSUAL WITH CHROMATIC LIGHT
PO45	Aya	Maeda	Japan	EVALUATION STRUCTURE ON PREFERENCE OF PAINTING'S APPEARANCE WITH LOW REFLECTANCE IN THE MUSEUM LIGHTING ENVIRONMENT
PO46	Ayana	Medeiros	Brazil	THE LIGHT OF AMAZON ARCHITECT SEVERIANO MÁRIO PORTO
PO47	Yukie	Sasajima	Japan	SOFTNESS OF LIGHT PASSING THROUGH WINDOWS AND ITS RELATIONSHIP WITH LUMINANCE GRADIENT
PO48	Alexandra	Bartseva	Russia	DEVELOPMENT OF NEW STANDARDS FOR MUSEUM LIGHTING
PO49	Tatiana	Meshkova	Russia	SCALING OF SENSATIONS DURING THE PERFORMANCE OF VISUAL TASKS IN RELATION TO HUMAN CENTRIC LIGHTING
PO50	Hikdei	Yamaguchi	Japan	ISSUES AND COUNTERPLAN OF EVACATION CENTER AT NIGHT - CASE STUDY OF NORTHERN GYMNASIUM IN SUZAKA CITY AFFECTED BY TYPHOON HAGIBIS IN 2019 -
PO51	Intisar	Hussain	United Kingdom	COMPARING THE PRIVACY VS DAYLIGHT COMPROMISE FOR DIFFERENT WINDOW COVERINGS
PO52	Tongyue	Wang	China	EVIDENCE-BASED RESEARCH AND APPLICATIONS FOR HEALTH LIGHTING DESIGN IN UNIVERSITY CLASSROOMS
PO53	Etsuko	Mochizuki	Japan	FIELD SURVEY ON LIGHTING ENVIRONMENT FOR WORK FROM HOME IN JAPAN
PO54	Roman	Dubnicka	Slovakia	TEST TO ASSESS THE ACCURACY OF THE LIGHTING COMPUTER SOFTWARE WHEN DESIGNING ROOMS WITH WINDOWS
PO55	Lorrain	Caumon	France	COLOUR & LIGHT DESIGN: AMBIENCE AS AN ANSWER TO THE PROBLEMS OF A HEALTHY COLLECTIVE HOUSING.
PO56	Om Sagar	Banjara	Nepal	INTEGRATION OF DAYLIGHT WITH ELECTRIC LIGHTING IN COMMERCIAL BUILDINGS: A CASE STUDY FROM NEPAL

D4

PO57	Guillaume	Dotreppe	Belgium	TOWARDS AN IMPROVED V-VLC OPTICAL CHANNEL MODELLING
PO59	Kai	Feng	China	A LABORATORY STUDY ON VISUAL AND EMOTIONAL COMFORT EVALUATION OF LED WIDE BEAM ANGLE LAMPS : TAKING 3000K / 4000K / 5000 K LINEAR LAMPS AS
PO60	Steve	Lau	China	THE IMPACT OF COLOURFUL AND DYNAMIC LED MEDIA FACADE AND BILLBOARDS ON ASTRONOMICAL OBSERVATIONS
PO62	Annika	Jägerbrand	Sweden	A REVIEW OF THE IMPACT OF LIGHT POLLUTION ON ECOSYSTEMS AND SKY BRIGHTNESS
PO63	Jim	Uttley	United Kingdom	THE EFFECT OF CHANGES IN LIGHT LEVEL ON THE NUMBERS OF CYCLISTS
PO64	Tomas	Novak	Czech Republic	MODELLING OF VERTICAL SURFACES RADIATION IN CONNECTION WITH THE EVALUATION OF THE OBTRUSIVE LIGHT
PO65	Amira	AbouElhamd	United Arab Emirates	USEFUL CONTRAST INDEX FOR ROADWAY LIGHTING STANDARDS

D6

PO67	Ljiljana	Udovicic	Germany	LIGHT EXPOSURE OF WORKERS IN DIFFERENT OCCUPATIONS
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