

Wednesday, September 19				
09:00	OPENING CEREMONY			09:00
Keynote Speech (Chair: Ann Webb, GB)				
09:30	Yiping Cui, CN The Applications of Quantum Control Technologies in LEDs for Lighting			09:30
Invited Talk (Chair: Ann Webb, GB)				
10:00	Kay Rauwerdink, NL Apples & Pears: Why Standardisation of Performance Requirements for LED Luminaires is Important			10:00
10:30	COFFEE BREAK			10:30
Mesopic Photometry and Brightness (Chair: Teresa Goodman, GB & Guanrong Ye, CN)		Daylighting (Chair: Kevin Houser, US & Hong Liu, CN)	Photobiological Effects (1) (Chair: Tongsheng Mou, CN)	
11:00	OP01 Marjukka Puolakka, FI IMPLEMENTATION OF CIE 191 MESOPIC PHOTOMETRY - ONGOING AND FUTURE ACTIONS	OP05 Tse-ming Chung, HK A STUDY ON DAYLIGHT GLARE IN CELLULAR OFFICES USING HIGH DYNAMIC RANGE (HDR) PHOTOGRAPHY	OP09 Ann Webb, GB EVALUATING CIRCADIAN RESPONSES IN A SOLAR ENVIRONMENT	11:00
-				-
11:20				11:20
11:20	OP02 Tatsukiyo Uchida, US AN EXPERIMENTAL APPROACH TO A DEFINITION OF THE MESOPIC ADAPTATION FIELD	OP06 Jan Wienold, DE QUANTIFICATION OF AGE EFFECTS ON CONTRAST AND GLARE PERCEPTION UNDER DAYLIGHT CONDITIONS	OP10 Neng-Chung Hu, TW EFFECTS OF ALERTNESS FOR STATIC AND DYNAMICAL LIGHTING AT POST-NOON	11:20
-				-
11:40				11:40
11:40	OP03 Justine Decuypere, BE MESOPIC CONTRAST MEASURED WITH A COMPUTATIONAL MODEL OF THE RETINA	OP07 Oliver Stefani, DE MOVING CLOUDS ON A VIRTUAL SKY AFFECT WELL-BEING AND SUBJECTIVE TIREDNESS POSITIVELY	OP11 Kenan Sansal, TR EFFECTS OF INDOOR LIGHTING ON DEPRESSION IN A POPULATION OF TURKISH ADOLESCENTS	11:40
-				-
12:00				12:00
12:00	OP04 Janos Schanda, HU BRIGHTNESS PERCEPTION	OP08 <i>to be confirmed</i>	OP12 Udo Custodis, DE BIOLOGICAL EFFECTS OF LIGHT ON HUMANS - INTERNATIONAL STANDARDIZATION ACTIVITIES	12:00
-				-
12:20				12:20
12:20	LUNCH			12:20
Colour Rendering (Chair: Janos Schanda, HU & Muqing Liu, CN)		Lighting Design (1) (Chair: Stuart Mucklejohn, GB & Xumei Zhang, CN)	Photobiological Effects (2) (Chair: Ann Webb, GB & Yiping Cui, CN)	
13:40	OP13 Hirohisa Yaguchi, JP TESTING OF UNIFORM COLOR SPACE USING CORRESPONDING COLORS UNDER DIFFERENT ILLUMINANTS	OP18 Susumu Sugano, JP APPLICATION OF GLARE IMAGE TO VISUAL ENVIRONMENT DESIGN OF RESIDENCE	OP23 Jianping Liu, CN LIGHTING FOR HEALTH: BIOLOGICAL EFFECTS OF TRADITIONAL AND SSL ILLUMINATION	13:40
-				-
14:00				14:00
14:00	OP14 Hitoshi Komatsubara, JP COLOR RENDERING EVALUATION OF WHITE LED ILLUMINATION BY COMPARATIVE ASSESSMENT	OP19 Johanna Erger, SE VIAVISION—A WEB GUIDE FOR EFFICIENT LIGHTING DESIGN BY UNDERSTANDING OF VISUAL PERCEPTION (withdrawn)	OP24 Jian Zheng, CN EVALUATION ON PHOTOBIOLOGICAL SAFETY OF LED LIGHT SOURCES FOR CHILDREN APPLICATIONS	14:00
-				-
14:20				14:20
14:20	OP15 Dominique Renoux, FR CONTRIBUTION TO THE ASSESSMENT AND IMPROVEMENT OF COLOUR RENDERING METRICS FOR ARTIFICIAL LIGHT SOURCES	OP20 Peter Dehoff, AT STANDARDS AND REGULATION AS DRIVERS FOR ENERGY EFFICIENCY AND LIGHTING QUALITY ? SOME EUROPEAN EXPERIENCES	OP25 Raisa Stolyarevskaya, RU METHODOLOGY OF LUMINAIRE BLUE-LIGHT HAZARD MEASUREMENTS	14:20
-				-
14:40				14:40
14:40	OP16 Yandan Lin, CN INFLUENCES OF CULTURES AND RACES ON MEMORY COLOR AND COLOR QUALITY EVALUATION	OP21 Steve Fotios, GB USER CONTROL AND SATISFACTION WITH DIFFERENT ILLUMINANCE RANGES	OP26 Mario Blumthaler, AT BIOLOGICALLY WEIGHTED UNITS FOR HUMAN SKIN UV EXPOSURE ? SUGGESTIONS FOR STANDARDISATION	14:40
-				-
15:00				15:00
15:00	OP17 M. Ronnier Luo, CN TESTING COLOUR RENDERING INDICES	OP22 Kuei-Neng Wu, TW EXPERIMENTAL EXAMINATION AND SIMULATION OF A LED INTERIOR LIGHTING SPACE	OP27 Qian Li, CN AN OPTIMIZATION OF RETINAL THERMAL HAZARD MEASUREMENT FOR REAL LIGHT SOURCES	15:00
-				-
15:20				15:20
15:20	COFFEE BREAK			15:20
15:50	Panel discussion: International Cooperation on SSL Standardization and Regulations (Chair: Martina Paul, AT)			15:50
-				-
17:30				17:30

Thursday, September 20				
Invited Talks (Chair: Peter Dehoff, AT)				
09:00	Tongsheng Mou, CN Measurement and Standardization on Photobiological Safety Related to LED Products			09:00
09:30	Steve Fotios, GB Research on Lighting for Pedestrians			09:30
10:00	COFFEE BREAK			10:00
	Measurement of SSL (1) (Chair: Yoshi Ohno, US & Yandong Lin, CN)	Lighting Design (2) (Chair: Edward Ng, HK & Yonghong Yan, CN)	Street and Outdoor Lighting (Chair: Ron Gibbons, US & Rongqing Liang, CN)	
10:30	OP28 Erkki Ikonen, FI CHARACTERIZATION OF LED LAMPS FOR ENERGY EFFICIENT LIGHTING	OP33 Janos Schanda, HU SOLID STATE LIGHT SOURCES IN MUSEUM LIGHTING: LIGHTING RECONSTRUCTION OF THE SISTINE CHAPEL IN VATICAN	OP38 Xiaoyan Zhu, CN PERCEPTION STUDY OF DISCOMFORT GLARE FROM LED ROAD LIGHTING	10:30
-				-
10:50				10:50
10:50	OP29 Teresa Goodman, GB SOLID STATE LIGHTING PERFORMANCE TESTING AT UK LIGHTING LABORATORIES	OP34 Karin Fridell Anter, SE A TRANS-DISCIPLINARY APPROACH TO THE SPATIAL INTERACTION OF LIGHT AND COLOUR	OP39 Wenyi Li, CN STUDY ON VISUAL PERCEPTION OF FLICKER FROM LOW-HEIGHT MOUNTED LED LUMINAIRE FOR ROAD LIGHTING	10:50
-				-
11:10				11:10
11:10	OP30 Yuqin Zong, US DEVELOPMENT OF A FULLY AUTOMATED LED LIFETIME TEST SYSTEM WITH HIGH ACCURACY	OP35 <i>to be confirmed</i>	OP40 Yandan Lin, CN GLARE SENSITIVITY OF PILOTS WITH DIFFERENT AGES AND ITS EFFECTS ON VISUAL PERFORMANCE OF NIGHTTIME FLYING	11:10
-				-
11:30				11:30
11:30	OP31 Zhao Weiqiang, CN EXPERIMENTAL STUDY ON TRANSIENT MEASUREMENT OF THE HIGH POWER LEDS	OP36 Kheira Tabet Aoul, AE VISUAL REQUIREMENT AND WINDOW DESIGN IN OFFICE BUILDINGS - A STUDY OF WINDOW SIZE, SHAPE, CLIMATIC AND CULTURAL IMPACTS	OP41 Liu Gang, CN THE EFFECTS OF ARTIFICIAL NIGHT LIGHTING ON TYPICAL MIGRATORY BIRDS IN TIANJIN	11:30
-				-
11:50				11:50
11:50	OP32 Thorsten Gerloff, DE A NEW HIGH-POWER LED TRANSFER STANDARD	OP37 Riad Saraiji, AE EFFECT OF PARTITIONS ON DAYLIGHT PENETRATION IN OPEN PLAN OFFICE SPACES	OP42 Gang Song, CN URBAN STREET LIGHTING APPLICATION INVESTIGATION AND SUBJECTIVE EVALUATION	11:50
-				-
12:10				12:10
12:10	Workshop 1 Mesopic Photometry and Application (Convener: Teresa Goodman, GB)	LUNCH	Workshop 3 Building Energy Regulations and their Influence on Achieving Good Lighting Quality in Buildings (Convener: Steve Coyne, AU)	12:10
13:30				13:30
15:00		WS01 Yoshiki Nakamura, JP ENERGY- SAVING OFFICE LIGHTING DESIGNED WITH LUMINANCE IMAGE		15:00
15:00				15:00
15:00		COFFEE BREAK		15:00
15:30		Invited Talk (Chair: Georg Sauter, DE)		15:30
15:30		Stuart Mucklejohn, GB Recent Advances in Lighting Quality and Energy Efficiency with Traditional Light Source Technology		15:30
16:00	<h1>Poster Viewing</h1>			16:00
17:30				17:30
Gala Dinner				

Friday, September 21				
Invited Talks (Chair: M. Ronnier Luo, CN)				
09:00	Andrew Stockman, GB CIE2006 Cone Fundamental Based Colorimetry			09:00
09:30	Lorne Whitehead, CA Improving the CIE Colour Rendering Index – how this can be done and why it matters			09:30
10:00	Michael Donn, NZ Relevant Daylight Design Tools for Pre-Design			10:00
10:30	COFFEE BREAK			10:30
	Measurement of SSL (2) (Chair: Peter Blattner, CH & Yong Guan, CN)	Colour Quality Issues (Chair: Hirohisa Yaguchi, JP & Haisong Xu, CN)	Lighting Systems (Chair: Jiangen Pan, CN)	
11:00	OP43 Tony Bergen, AU DETERMINING THE MINIMUM TEST DISTANCE IN THE GONIOPHOTOMETRY OF LED LUMINAIRES	OP47 Minchen Wei, US COLOR DISCRIMINATION OF SENIORS WITH AND WITHOUT CATARACT SURGERY UNDER ILLUMINATION FROM TWO FLUORESCENT LAMP TYPES	OP51 Graeme Lister, GB MICROWAVE-POWERED METAL HALIDE DISCHARGE LIGHTING SYSTEMS	11:00
-				-
11:20				11:20
11:20	OP44 Jianping Wang, CN RESEARCH ON THE LED THERMAL DEPENDENCE AND EFFECTS IN GONIOPHOTOMETRY MEASUREMENT	OP48 Yoshie Imai, JP A STUDY OF COLOR RENDERING PROPERTIES BASED ON COLOR PREFERENCE IN ADAPTATION TO LED LIGHTING	OP52 <i>to be confirmed</i>	11:20
-				-
11:40				11:40
11:40	OP45 Pei-Ting Chou, TW COMPARISON OF DIFFERENT TESTING METHODS TO MEASURE PARTIAL LED FLUX	OP49 Josep Carreras, ES METHOD TO ESTABLISH A COLOR QUALITY AND LUMINOUS EFFICACY RANKING FOR LIGHT SOURCES	OP53 Wim Hertog, ES TESTING COLOR QUALITY AND EFFICACY LIMITS USING A MULTICHANNEL LED LIGHT ENGINE	11:40
-				-
12:00				12:00
12:00	OP46 Liu Hui, CN EXPERIMENTAL ESTIMATION OF THE EFFECT OF SPECTRUM DISTRIBUTION TO LED COLORIMETRIC QUANTITIES	OP50 Martijn Withoutouk, BE AGE RELATED COLOUR APPEARANCE DIFFERENCES FOR UNRELATED SELF- LUMINOUS COLOURS	OP54 Grega Bizjak, SI POSSIBLE ENERGY SAVINGS WITH LED LIGHTING FOR GROWING PLANTS	12:00
-				-
12:20				12:20
12:20	LUNCH			12:20
	Improvements in Photometry and Radiometry (Chair: Tony Bergen, AU & TBC, CN)	Visual Perception and Comfort (Chair: Lorne Whitehead, CA & Luoxi Hao, CN)	Right Lighting (Chair: Jianping Liu, CN)	
13:40	OP55 Richard Young, DE DETERMINING BANDPASS FUNCTIONS IN ARRAY SPECTRORADIOMETERS	OP59 Dragan Sekulovski, NL MODELING THE VISIBILITY OF THE STROBOSCOPIC EFFECT	OP63 Tao Luo, CN THE NEW CHINESE DAYLIGHTING DESIGN STANDARD FOR BUILDINGS	13:40
-				-
14:00				14:00
14:00	OP56 Jiangen Pan, CN DISTANCE DEPENDENCE IN SPATIAL CHROMATICITY MEASUREMENT	OP60 Laura Rossi, IT PUPIL DILATION MONITORING UNDER DIFFERENT LIGHTING SOURCES	OP64 Shuxiao Wang, CN RESEARCH ON ENERGY STANDARD FOR BUILDING LIGHTING	14:00
-				-
14:20				14:20
14:20	OP57 Maksim Shpak, FI A TWO CHANNEL PHOTOPIC-SCOTOPIC LUMINANCE METER AS A BASIS FOR MESOPIC PHOTOMETRY	OP61 Pajaree Teng-amnuay, TH CHARACTERISTICS OF LETTERS AND LEGIBILITY OF INTERNALLY ILLUMINATED SIGNS FOR THE VISUALLY IMPAIRS	OP65 Justin Zhengjun He, CN USING SATELLITE DATA TO PREDICT ZENITH LUMINANCE IN HONG KONG	14:20
-				-
14:40				14:40
14:40	OP58 Seongchong Park, KR ANGULAR DEPENDENCE OF SPECTRAL RESPONSIVITY OF A PHOTOMETER AND ITS EFFECT ON SPECTRAL MISMATCH CORRECTION	OP62 Zhang Jihuang, CN THE INFLUENCE OF CORRELATED COLOR TEMPERATURE OF LUMINAIRE ON OVERHEAD GLARE PERCEPTION	OP66 Matej Kobav, SI LED SPECTRA AND ITS PHOTOBIOLOGICAL EFFECTS	14:40
-				-
15:00				15:00
15:00	COFFEE BREAK			15:00
	Workshop 4 Colour Quality (Convener: M. Ronnier Luo, CN)	Workshop 5 Street Lighting – are the currently recommended lighting levels right? (Convener: Steve Fotios, GB)	Workshop 6 Rapid Urbanization in Asia means Daylight Design Issues for Cities (Convener: Edward Ng, HK)	
15:30				15:30
-				-
17:00			WS02 Tao Luo, CN A STUDY OF THE DAYLIGHT CLIMATE IN CHINA BASED ON THE TYPICAL YEARLY DAYLIGHT ILLUMINANCE	17:00
17:00	REFRESHMENT BREAK			17:00
17:30	CLOSING CEREMONY			17:30

Colour Key

DAY	WORKSHOP
KEYNOTE SPEECH / INVITED TALK	POSTER
BREAK	SOCIAL EVENT
TOPIC	OPENING/CLOSING CEREMONY

POSTERS

PP01	RESEARCH ON THE LIGHTING OF ENTRANCE AND EXIT SEGMENTS OF CITY TUNNELS AND OUTSIDE-TUNNEL ROADS WITH VISUAL EFFICIENCY THEORY	Chunyu Yang, Shuying Liang, Qingwen Zhang	CN
PP02	ANALYSIS ON THE CURRENT ENERGY EFFICIENCY LEVEL OF DOMESTIC SELF-BALLASTED FLUORESCENT LAMPS	Li Weijun	CN
PP03	YAMING LIGHTING APPLICATION CENTER-FOR GREEN AND QUALITY LIGHTING	Hua Yao, Zhijun Li	CN
PP04	NEW METHODOLOGY TO SELECT LIGHT SOURCE SPECTRAL DISTRIBUTION FOR USE IN MUSEUMS TO PROPERLY EXHIBIT AND PRESERVE ARTWORK.	Jaume Pujol, Fernando Arana, Raul Ajmad, Jose D. Sandoval	ES
PP05	ANALYSIS AND EVALUATION ON EFFICACY AND COLOR QUALITY OF LED DOWNLIGHTS	Yue Yang	CN
PP06	WINDOW'S FUNCTIONS AND DESIGN: DAYLIGHTING, VISUAL COMFORT AND WELL BEING	Kheira A. Tabet Aoul	AE
PP07	THE ANALYSIS OF THE RUSSIAN MARKET OF LIGHTING PRODUCTION THROUGH A PRISM OF VNISI TESTING CENTRE	Raisa I. Stolyarevskaya, Roman I. Belyaev, Alexey A. Bartsev, Andrey V. Kiruchin	RU
PP08	SYNTHESIS OF NONTOXIC WHITE LIGHT ZNSE/ZNS/MNS QUANTUM DOTS	Shuhong Xu, Yiping Cui	CN
PP09	ELUCIDATING THE AUTONOMY OF DAYLIGHT THROUGH LIGHT-GUIDE FILMS FOR AMBIENT LIGHTING IN THE OPEN-PLAN OFFICE THROUGH IN-SITU MONITORING	Jacky Cheng, Chih-Jian Hu, Hsiao-Yuan Wu, Nien-Tzu Chao	TW
PP10	DESIGN OF LIGHT DIFFUSING SKYLIGHTS BASED ON OPTICAL PROPERTIES — ESTIMATION AND MEASUREMENT OF LIGHTING QUALITY AND ENERGY SAVINGS —	Taka-aki Suzuki, Toshifumi Kato, Miyoshi Ono, Tsutomu Toyama, Yasuko Koga, Shuichi Nishimura, Tomonori Sasaki, Atsushi Homma	JP (withdrawn)
PP11	A NEW LIGHTING SIMULATION TOOL -LINKING AUTOCAD2008 WITH RADIANCE	Tao Luo, Jianping Zhao, Shuxiao Wang	CN
PP12	RESEARCH ON EASY EVALUATION METHOD OF BUILDING'S SIDE DAYLIGHTING	Zhang Xin, Han Tianci	CN
PP13	A SMART LIGHTING SYSTEM IN A DEMO CLASSROOM	Hua Yao, Zhijun Li	CN
PP14	POTENTIAL ENERGY SAVINGS OF LED FLAT LIGHTING	Yoon Chul Lee, Sung Gi Chae, Dong Hwan Jung, Kang Ho Kim, Yong Ick Cho	KR
PP15	TOLERANCES IN COMPUTER SIMULATIONS OF INDIRECT LIGHTING SYSTEMS	Andrzej Pawlak, Krzysztof Zaremba	PO
PP16	ENERGY-SAVING CONTRIBUTION OF INTELLIGENT LIGHTING CONTROL SYSTEM BASED ON HORIZONTAL ILLUMINANCE IN OFFICE SPACE	Lei Wang	CN
PP17	DEPENDENCE OF HIGH-POWER WHITE LEDS SPECTRAL CHARACTERISTICS ON JUNCTION TEMPERATURE	Tianhu Wang, Chaoyang Shi, Jinghua Yang, Guowen Shen, Jian Yao	CN
PP18	DEVELOPMENT OF A TRANSFER STANDARD FOR LUMINOUS FLUX MEASUREMENT OF HIGH POWER LEDS	Kenji Godo, Tatuya Zama, Shinya Matsuoka, Kohei Ishida, Yosiki Yamaji	JP
PP19	EFFECT OF INSTRUMENTAL BANDPASS AND MEASUREMENT INTERVAL ON SPECTRAL QUANTITIES	Emma R. Woolliams, Teresa M. Goodman	GB
PP20	DETERMINING THE UNCERTAINTY ASSOCIATED WITH AN INTEGRATED QUANTITY CALCULATED FROM PARTIALLY CORRELATED SPECTRAL DATA	Emma R. Woolliams, Teresa M. Goodman	GB
PP21	THERMAL EFFECTS ON OPTICAL MEASUREMENT OF THE OLED LIGHTING PANELS	Masakatsu Hirasawa, Yasuki Yamauchi	JP
PP22	DEVELOPMENT OF THE NEW NATIONAL PRIMARY SCALE OF SPECTRAL RADIANCE, SPECTRAL IRRADIANCE, COLOR TEMPERATURE AND DISTRIBUTION TEMPERATURE	Caihong Dai, Zhifeng Wu, Bo Huang, Huiquan Ouyang, Jialin Yu	CN
PP23	ELECTRICAL-OPTICAL PARAMETER TEST METHOD FOR LED LIGHTING IN PRODUCTION	Cheng Chihyu, Jeff Lee, Bernie Chang	TW
PP24	IMPLEMENTATION OF THE 6-PORT INTEGRATING SPHERE PHOTOMETER AND ITS SPATIAL RESPONSE DISTRIBUTION FUNCTION	Seongchong Park, Dong-Hoon Lee, Seung-Nam Park, Chul-Wung Park	KR
PP25	MEASUREMENT OF ANGULAR NONUNIFORMITY OF AN INTEGRATION SPHERE FOR TOTAL SPECTRAL RADIANT FLUX MEASUREMENT	Kazuki Niwa, Kenji Godo, Tatuya Zama	JP
PP26	INTERCOMPARISON OF TWO COLLECTION GEOMETRIES IN TOTAL LUMINOUS FLUX OF STRAIGHT TUBE TYPE LAMP MEASUREMENT: THE INTEGRATING SPHERE AND THE INTEGRATING HEMISPHERE	Kosei Oshima, Kazuaki Ohkubo, Shunsuke Mishima, Hua Huang	JP
PP27	INTEGRAL APPROXIMATING SUMS FOR GONIOPHOTOMETRIC MEASUREMENTS	Peter Csuti, Balazs Kranicz, Janos Schanda	HU
PP28	MEASUREMENT OF CONE AND ROD EFFECTS IN MESOPIC LUMINOUS EFFICIENCY FUNCTION	Jiseo Hwang, Dong Hoon Lee, Seung Nam Park	KR (withdrawn)
PP29	DIFFRACTION EFFECT IN RADIOMETRY	Zhifeng Wu, Caihong Dai, Bo Huang, Huiquan Ouyang	CN

PP30	GONIOSPECTRORADIOMETRY FOR ACCURATE MEASUREMENT OF SPATIALLY AVERAGED CHROMATICITY	Cong Chen, Qian Li, Feng Qian, Jiangen Pan	CN
PP31	A NEW GONIREFLECTOMETER FOR THE MEASUREMENT OF THE BIDIRECTIONAL REFLECTANCE DISTRIBUTION FUNCTION (BRDF) AT LNE-CNAM	Gael Obein, Shiraz Ouarets, Guillaume Ged, Annick Razet	FR
PP32	COMPARISON OF COLORIMETRIC FEATURES OF SOME CURRENT LIGHTING BOOTHS FOR OBTAINING A RIGHT VISUAL AND INSTRUMENTAL CORRELATION FOR GONIO-APPARENT COATINGS AND PLASTICS	Francisco Martínez-Verdú, Esther Perales, Valentin Viqueira, Elisabet Chorro, Francisco J. Burgos, Jaume Pujol	ES
PP33	THE DEVELOPMENT OF EVALUATION FOR DISCOMFORT GLARE IN LED LIGHTING OF INDOOR WORK PLACE. -RELATIONSHIP BETWEEN UGR AND SUBJECTIVE EVALUATION-	Hirokuni Higashi, Shota Koga, Tomoko Kotani	JP
PP34	USING ELECTROENCEPHALOGRAPHY AND HEART RATE VARIABILITY TO ANALYSIS THE EFFECT OF LED INDOOR ILLUMINATION IN HUMAN	Chien-Sheng Huang, Ching-Huang Lin, Chien-Yue Chen, Ming-Da Ke, Po-Hsiang Wang	TW
PP35	DO STANDARDS SUCH AS BREEAM SECURE LIGHTING COMFORT IN WORK ENVIRONMENT?	Pordis R. Hardardottir	IS
PP36	APPROPRIATE RANGE OF THE ILLUMINANCE COMBINATION OF TASK-AMBIENT LIGHTING	Naoya Hara, Mika Kato	JP
PP37	NIGHT LANDSCAPE VISUAL PERCEPTION EVALUATION SYSTEM RESEARCH FOR CHINESE ANCIENT BUILDING	Zhang Mingyu	CN
PP38	THE EFFECT OF DISPLAY VIBRATION ON VISUAL PERFORMANCE OF PILOTS	Yandan Lin, Wei Wang, Jingjing Qiu, Yaojie Sun	CN
PP39	THE EFFECTS OF THE LUMINESCENCE AREA OF LIGHTING ON THE IMPRESSION OF SPACE	Ryoichi Yokoyama, Yasuki Yamauchi, Taiichiro Ishida	JP
PP40	COMPARISON OF USING DIALUX SOFTWARE AND CCD IMAGING PHOTOMETER TO MEASURE SPACE LUMINANCE	Chih Wei Chou, Shau-Wei Hsu, Wen Tu Hsiao, Ya-Hui Chiang, Hung-Lieh Hu	TW
PP41	RECIPE FORMULATION FOR FUNCTIONAL LED LAMPS	M. Ronnier Luo	CN
PP42	EVALUATION OF NON-UNIFORMITY OF THE STIMULUS WITH LUMINANCE GRADIENT	Yasuki Yamauchi, Masakatsu Hirasawa	JP
PP43	PERCEPTUAL SENSITIVITY TO THE COLOR CHANGE OF TEMPORALLY MODULATED STIMULUS - TOWARDS INDEXING VIEW ANGLE DEPENDENCY OF OLED PANELS -	Takuya Itayama, Yasuki Yamauchi, Masakatsu Hirasawa	JP
PP44	THE STUDY AFTER INTERRUPTED SLEEP AND RECEIVING 10 MIN DIFFERENT LIGHT SOURCES EXPOSURE AT NIGHT	Chien Chun Lu, Chien-Ming Yang, Yu Ting Chen, An Jung Chen, Wen Tu Hsiao, Ya-Hui Chiang	TW
PP45	EFFECT OF EVENING LIGHTING TO SLEEP QUALITY USING LED LIGHT SOURCES OF VARIABLE CIRCADIAN ACTION RATIOS	Chun-Hsing Lee, Wen Tu Hsiao, Ya-Hui Chiang, Hsiang-Chi Chung, Hung-Lieh Hu, Mu-Tao Chu, Chih-Ling Huang, Chih-Wei Lu	TW