

# Session Program (Sep.23, 2011)

08:00~09:00	<b>Registration</b>	<b>Place: Library Hall, DLPU</b>
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09:00~09:30	<b>Opening Ceremony</b>	Chair: Yiping Cui Place: Library Lecture Hall, DLPU
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<b>Invited Paper(@40min) Place: Library lecture hall, DLPU</b>					
	Time	Manuscript Number	Title	Speakers	Session Chair
<b>09:30 ~ 11:30</b>	09:30~ 10:10	I-1	An applied model to evaluate the comprehensive visual performance of reading lamp	Yandan Lin <i>(Fudan University, China)</i>	<b>Shiping Liu</b>
	10:10~ 10:50	I-2	Lighting and human color perception	Hiroyuki SHINODA <i>(Ritsumeikan University, Japan)</i>	
	10:50~ 11:30	I-3	Zhaga standards and Engine development in LED lightings	Meeryoung Cho <i>(Korea Institute of Lighting Technology, Korea)</i>	

11:30~12:20	<b>Coffee break and Poster Session (50 min)</b>	<b>Place: Library lecture hall</b>
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12:30~13:30	<b>Lunch</b>
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13:30~15:00	<b>Oral session (detail in page 2)</b>	<b>Place: Library lecture hall</b>
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15:00~15:50	<b>Coffee break and Poster Session (50 min)</b>	<b>Place: Library lecture hall</b>
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15:50~17:20	<b>Oral session(detail in page 3)</b>	<b>Place: Library lecture hall</b>
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17:20~17:40	<b>Closing Ceremony</b>		<b>Place: Library lecture hall</b>
	Closing Address Best Papers & Best Presentations Awards	Representative of Organizing Committees	Yiping Cui

18:00~20:30	<b>CJK Lighting Symposium Banquet</b>
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20:30~21:00	<b>Sighting Seeing</b>
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## Oral session

### Topics 1: Solid State Lighting and Applications

Place: Library lecture hall, DLPU

### Topics 2: Lighting Design and Energy Efficiency

Place: Library NO.2 Meeting Room, DLPU

Oral Session 1 (6 papers) 13:30~15:00				
Time	Manuscript Number	Title	Speaker	Session Chairs
13:30~13:45	O-1	Theory and practice of creating light art works	Xingwu Chu	Yoshitaka Kenmotsu and Xiong Zhang
13:45~14:00	O-2	Development of a series of flat shaped LED Light Engines with a heat-transfer solution	Jun SASAKI	
14:00~14:15	O-3	Lighting Color Control Method for LED Lamp with RGB LEDs	Janghee Yun	
14:15~14:30	O-4	Development of fabrication technology of two-dimensional photonic crystal for light-emitting diode	Xiong Zhang	
14:30~14:45	O-5	Quantification of Glare Levels of Street Lighting Fixtures Using LED Light Sources	Toshihide MORI	
14:45~15:00	O-6	Design of light collimator for LEDs in near-field	Jae Young Joo	

Oral Session 1 (6 papers) 13:30~15:00				
Time	Manuscript Number	Title	Speaker	Session Chairs
13:30~13:45	O-13	Thinking upon Urban Lighting Planning and Energy-saving	Nong Li	An-Seop Choi and shanduan Zhang
13:45~14:00	O-14	New Lighting Design Method for Achieving Electric Power Saving	Yoshiki Nakamura	
14:00~14:15	O-15	Promoting Night-time Use of Urban Parks: focusing on the effect of lighting conditions -The case of 13 children's parks located in Nam-gu, Ulsan,Korea-	Hyekyung Kang, Ok-hee, An	
14:15~14:30	O-16	Research of LED Landscape Lighting Energy-saving based on Swarm Intelligence	Hui Xiao	
14:30~14:45	O-17	Evaluation of Lighting Environment Composed of Multiple Luminaries and Spaces(at the dining space)	Shino OKUDA	
14:45~15:00	O-18	Decision of lighting power density for office lighting regarding luminaire types	Kim, Hoon	

### Topics 1: Solid State Lighting and Applications

Place: Library lecture hall, DLPU

### Topics 2: Lighting Design and Energy Efficiency

Place: Library NO.2 Meeting Room, DLPU

Oral session 2 (6 papers) 15:50~17:20					Oral session 2 (6 papers) 15:50~17:20				
Time	Manuscript Number	Title	Speaker	Session Chairs	Time	Manuscript Number	Title	Speaker	Session Chairs
15:50~16:05	O-7	Effects of dimming control method on human vision in LED light source dimming	Cao Fan	Nianyu Zou and Jeongduk Ryeom	15:50~16:05	O-19	Electric property difference of low-walltage ceramic metal halide lamps dosed different composition of salts	Yingdong Wei	Nong Li and Etsuko Mochizuki
16:05~16:20	O-8	White LED Street Lighting for Expressways	Kazuki Yasumoto		16:05~16:20	O-20	Simplified calculating Model of Floor Illuminance in Fire Smoke in consideration of Smoke Adhesion	Yuki Akizuki	
16:20~16:35	O-9	LED: From innovation to value creation	Xiang Zhou		16:20~16:35	O-21	The Suggestion of new PV Systems' Concept and Analysis of Application for Bridge Nightscape Energy Savings	An-Seop Choi	
16:35~16:50	O-10	The Application of LED in Landscape Lighting : Weihai Tashan Park Lighting Design	Lingyu Kong		16:35~16:50	O-22	Evaluation on the PTOTO-biological effects of light sources	Shanduan Zhang	
16:50~17:05	O-11	A study of sophisticated lighting on the entrance and exit ramps of urban expressways	Hiroaki Hattori		16:50~17:05	O-23	Optical Design of LED Road Lamps with Nonsymmetrical Light Distribution	Min Cheng	
17:05~17:20	O-12	A Study on the measuring Solid State Lighting product Correlated Color Temperature using Colorimeter Spatially Scanned	Ki Jin Kwon		17:05~17:20	O-24	The Development of Harmonic injection Circuit for Capacitor Reduction Method of Active PFC	Jin-wan Yoo	

## Poster session

**Place: Library lobby Times: 11:30~12:20 and 15:00~15:50**

\*The poster are exhibited until the end of oral session

NO	Title	Presenter
P-1	New Light and New Energy Sources are Very Important for Development of Low-carbon Economy	Yuzhi Xue
P-2	Inhibition of photo-reactivation of E.coli by the Medium-pressure mercury UV Lamps	Akiko Kuraya
P-3	New approaching method to reduce the ATHD in single stage PFC for LED lighting	Gyehyun Cho, In-ki Park, Seung-uk Yang, Hyun-chul Eom, oung-BaePark
P-4	Study on strain-compensated InGaN-AlGaIn quantum well light emitting diode	Wei-jun Li
P-5	LED lighting facilities of a new building	Toru HISHIDA
P-6	Development of Local Driving System for Flat LED Lamp using Ultrasonic Sensors	Sungho Yoo, Janghee Yun, Jeesun Yang, Jeongduk Ryeom
P-7	Study of ignition circuitries for gas discharge lamps	Red Cao
P-8	A Study of Step-Dimmable Induction Lamp System	Ryusuke Ura
P-9	A study on illuminance distribution of LED-fish attracting system depending on lighting intensity and hanging angles	Bong Man Jung,Il-Soo Chun, Sung-HwanKang, Young-Il An
P-10	A critical review on patterned sapphire substrates for GaN-based LEDs	Peiyuan Zhang, Hongjun Chen, Cancan Wang, Yun Li, Lishu Wu, Xiong Zhang,* and Yiping Cui
P-11	A study of lighting circuit for LED lighting equivalent to 60W type incandescent lamp	Akira Nakajo
P-12	LED Headlamp control of electric Forklifts	Jung-Ho Hwang,Chan-Soo Chung

P-13	The lighting design teaching of Guangzhou academy of fine arts	Li Guang (LEON)
P-14	RGB color LED lighting improvable eyesight damage caused by presbyopia	Taihua LI
P-15	Effect of Thermal Dissipation by Adding Graphene Materials to Surface Coating of LED Lighting Module	Myung-Keun Hwang, Steven Kim, Jong-Hyun Kim, Ki-Tae Kwon, Jung-Hyun Kim, Jong-Yun Jeong, Yun-Jung Kim, In-Tae Kim, Gwang-Seop Cho
P-16	Effects of Different Spectral Lights on Oncidium PLBs Induction, Proliferation, and Plant Regeneration	Zhigang Xu
P-17	Study on improvement of quantity of light emitted from LED by pulse driving	Takahiro ARAI
P-18	The Flicker-less dimming system for stage lighting	Kwang-hyun Jung, Dong-seok Shin, Jin-wan Yoo, Chong-yeun Park
P-19	Status analysis and evaluation of technical criteria on LED Downlights	Yue Yang, Xiaohong Shi
P-20	System for displaying fog density using colour mixing due to light veiling	Kazushige Nakamura
P-21	The LED junction temperature estimation method and temperature compensation system	Young-min Choi, Chong-yeun Park
P-22	Determination of LED's total luminous flux using a narrow beam standard	Xiaoli Zhou, Haiping Shen, Wanlu Zhang, Muqing Liu
P-23	Fundamental Research on the New Lighting Design Concept "Appreciate Lights"	Mio NAKAMURA
P-24	The implementation method of dimmable LED driver using MC56F8006	Wang-seop Choe, Jae-wook Song, Chong-yeun Park
P-25	MEASUREMENT AND ANALYSIS OF CHROMATICITY CHARACTERISTICS FOR DIFFERENT COLOR LEDs	Xin He, Guanying Cao, Nianyu Zou

P-26	Experimental study of outdoor emergency guidance lighting, using distance, luminance, and colour	Michico Iwata
P-27	Thermal dissipation behaviour of the high-power, multi-chip LED package	Cheol-Hee Moon, Byunh-Ho Kim, Hyun-Soo Choi
P-28	Preparation and Luminescence Properties of Tungstate Phosphors for White LED	Haifeng Lin 1, guangxi Liu2, Ruixi Zhang2, Yuehua Zhu2, Haibo Wang 2
P-29	Study of LED diffusion capabilities and the effects of brightness and glare in daylight color and incandescent color instances	Yuta Ishigami
P-30	Subjective Evaluation for LED Lights for Various CCT Focused on the Brightness	An-Seop Choi, In-Hyun Jang, Min-Jeong You
P-31	The research progress and application of high frequency electrodeless lamp	Yuehua Zhu, Ruxi Huang, Peng Chen, Haibo Wang
P-32	Study on Effect of Color Rendering for Lighting of Urban nightscapes in a Snowy Region	Jia Chen
P-33	A Study on the Development of Optical Design algorithm for Planar LEDs Luminaire	An-Seop Choi, Yu-Sin Kim, In-Tae Kim
P-34	Frequency and current dependence of the electrode temperature of HID lamps	Shuijun Shi, Wei Li, Weiqiang Zhang and, Shanduan Zhang
P-35	Color Perception of Elderly for the LED Display Board	Yoshio Nakashima
P-36	A Study on the Reduction of Conducted Noise Emission from an Interior LED Lighting Module with SCR Dimming Control	Yang-Bae Kim, Chan-Soo Chung, Jung-Ho Hwang
P-37	Research on the radiant efficiency of positive column in high loaded low pressure mercury discharge lamps	Haojun Zhang, Qiuyi Han, and Shanduan Zhang
P-38	Study on the Visibility of LED display of the "energy-saving type"	Hiroki Fujita
P-39	Development of the High Efficacy LED explosion-proof Luminaries for a Vessel	Gi-Hoon Kim, Sung-Joong Kim, Sang-Bin Song, Chang Sun Park, Sang-Hoi, Choi

P-40	Research on the Trends of Measurement about Urban Residential Areas Lighting	Rui Dang,Lixiong Wang, Gang Liu, Xinyun Cui
P-41	Color Temperature for Illumination of Historical Buildings	Lin Ma
P-42	The Design of Cutt-Off fixture in the luminaries to reduce the glare of bollard-typed LED guide lighting for crosswalk	Joung Wook Park,Jin Woo Ok, Jae Young Joo, Sang Bin Song, Jin Pyo Hong, Jae Pil Kim , Ki Hoon Kim, Wan Ho Kim, Joung Wook Park
P-43	Development of ceramic metal halide lamp with long life	Yasuhisa Matsumoto
P-44	Development of LED Explosion-proof Luminaires for the High Ceiling	Gi-Hoon Kim, Sung-Joong Kim, Sang-Bin Song, Seong Eun Cho, Jong Chan Lee
P-45	Adaptability analysis of night landscape lighting illumination of Chinese ancient architecture in urban core areas	Mingyu Zhang, Lixiong Wang, Gang Liu, Guohui Ren
P-46	Appropriate light distributed and energy saved high-power LED floodlight fixtures for outdoor use	Yuuya Murakami
P-47	The Comparison of Color Perception among the Korean, Chinese and Japanese undergraduates	Young-mi Jo, Ok-hee An
P-48	Subjective experiment on glare sensitivity caused by blue light at peripheral vision	Etsuko Mochizuki
P-49	Comparison of Measuring Methods of Adaptation Luminance at Threshold Zone of the Korean Tunnel Road	Jong-Sung Han, Min-Wook Lee, Hoon Kim
P-50	Pulsed light at lower duty ratios with lower frequencies is disadvantageous for CO2 uptake in cos lettuce compared to continuous light	Tomohiro JISHI
P-51	Development of Total Measurement System for Designing and Analysing Lightings	Jin Pyo Hong,Joung Wook Park, Jae Young Joo, Sang Bin Song, Jae Pil Kim, Ki Hoon Kim

P-52	Evaluating Performance of Day Lighting for Gymnasium in Highly Luminous Climates	Yu Bian <sup>1</sup> , Yuan Ma <sup>2</sup>
P-53	Design and Implementation of Simple Lighting Platform Using Communication Framework for Smart Lighting System	Ahn Doo-Heon, Kim Hwa-jong, Zhang Jie
P-54	Research on the Design of New Optical System of LED Cap Lamp	Qing Liu, Yuncui Zhang, Nianyu Zou, Yingming Gao, Guanying Cao, Fan Cao, Xin He
P-55	Odong-island music fountain project	Hyun Kyung Bin
P-56	Surveying and measurement on Urban habitation lighting environment in DALIAN	Ming Liu, Yue Fan, Xiaohan Pan, Jie Yuan, ling Ma
P-57	Design of Target Luminous Intensity Distribution and Road Lighting Calculation by Classification Method of Exterior Lighting Luminaires in the IESNA	Gi-Hoon Kim,Sung-Joong Kim, jung-wook Park, Jae-young joo, Sang-Bin Song
P-58	A study on enhance eco-friendly LED light bulbs for the incandescent light bulb-shaped design	Ee, Sang Hoon
P-59	Economic evaluation of LED office lighting using LCC method	Kim, Hoon, Lee, Min-Wook, Cho, Sook-Hyun
P-60	Optical Simulation Analysis and Actual Material Test of a High Brightness Prism Light-guide Plate for Flat Lights	Dae Seub Choi
P-61		Chao Wang
<b>Residential Lighting Poster Session corner</b>		
P-RL-1	Analysis of current residential lighting based on the questionnaires	Xing Ming, Guanying Cao
P-RL2	Actual condition and problem of lighting in the living room in Japan	Masako Miyamoto
P-RL-3	A Research on the Actual Conditions of Living Room Lighting in Daegu and Gyeongbuk Districts	Ok-hee, An, Young-mi, Jo, Kwang-sik, Lee



P-RL-4	Investigation and analysis on Residential lighting environment in Dalian	Sun Mingming, Zhang Yuncui, Yuan Yue, Jia Min, Wang Yanran, ZouNianyu
P-RL-5	Evaluation of Lighting Environment Composed of Multiple Luminaries and Space(at the kitchen space)	Naoya HARA
P-RL-6	A study of living room and kitchen lighting of Korean apartments larger than 130m <sup>2</sup>	Hyun-Ji Kim, Hoon Kim
P-RL-7	The study on the task and ambient lighting -The effects of task lighting area and the front wall illuminance-	Haruka Maruyama
P-RL-8	A Literature study housing light ; Focusing on the domestic research	Ok-hee, An, Mi-seung Baek, In-hy, Lee
P-RL-9	The influence of light source on spatial evaluation and the ease of performing activities comparison with Japanese student and international student	Michiko Kunishima
P-RL-10	Intelligent Lighting Control Algorithm with Learning of Human's Life Pattern	Zhang Jie, Ahn Doo-Heon, Kim Hwa-jong
P-RL-11	The influence of the season and the correlated colour temperature of lamp on brightness and impression of lighting quality	Kyoko ISHIDA