### Sunday, June 28

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>18:00</td>
<td>Welcome Reception</td>
</tr>
</tbody>
</table>

### Monday, June 29

**Morning**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00</td>
<td>OPENING CEREMONY (CIE President, local organizers, ISC chair)</td>
</tr>
<tr>
<td>09:10</td>
<td>-</td>
</tr>
<tr>
<td>09:40</td>
<td>Celebrity Paper (Chair: TBD)</td>
</tr>
<tr>
<td>09:40</td>
<td>-</td>
</tr>
<tr>
<td>10:30</td>
<td>AWARD CEREMONY</td>
</tr>
<tr>
<td>10:30</td>
<td>-</td>
</tr>
<tr>
<td>11:00</td>
<td>COFFEE BREAK</td>
</tr>
<tr>
<td>11:00</td>
<td>-</td>
</tr>
<tr>
<td>12:15</td>
<td>Lunch</td>
</tr>
<tr>
<td>12:15</td>
<td>-</td>
</tr>
</tbody>
</table>
### Monday, June 29
#### Afternoon

**Room 1**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chair: TBD</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:30</td>
<td>OS1 (D1-1) Colour rendition</td>
<td></td>
</tr>
<tr>
<td>15:00</td>
<td>IT01: Françoise Viénot, FR CONE FUNDAMENTALS: PAST, PRESENT AND FUTURE</td>
<td></td>
</tr>
<tr>
<td>13:30</td>
<td>OP04: Thorbjørn Laake, SE AMBIENT LIGHTING AS A MEASURE TO IMPROVE WELL-BEING AND PERFORMANCE</td>
<td></td>
</tr>
<tr>
<td>14:00</td>
<td>OP05: Luc Schlangen, NL WORKPLACE ILLUMINATION EFFECTS ON ACHIEVEMENT, PERFORMANCE AND WELL-BEING IN OLDER AND YOUNG PEOPLE</td>
<td></td>
</tr>
<tr>
<td>14:40</td>
<td>OP06: Mads Dines Petersen, DK DETERMINING DAYLIGHT AND VIEW PREFERENCES FROM THE USE OF BLINDS IN APARTMENTS</td>
<td></td>
</tr>
<tr>
<td>15:20</td>
<td>OP07: Mariana Figueiro, US LIGHT AND DAYLIGHT IN OFFICE BUILDINGS: IMPACT OF BUILDING DESIGN ON PERSONAL LIGHT EXPOSURES, SLEEP AND MOOD</td>
<td></td>
</tr>
</tbody>
</table>

**Room 2**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chair: TBD</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:30</td>
<td>OS2 (D3-1) Lighting for life</td>
<td></td>
</tr>
<tr>
<td>15:00</td>
<td>OP03: Ronnier Luo, CN TESTING COLOUR RENDERING INDICES USING VISUAL DATA UNDER DIFFERENT LED SOURCES</td>
<td></td>
</tr>
<tr>
<td>13:30</td>
<td>OP08: Liu Gang, CN RESEARCH: THE QUANTITATIVE RELATIONSHIP BETWEEN NATURAL LIGHT INTENSITY AND WHOOPER SWAN'S SLEEP BEHAVIOUR</td>
<td></td>
</tr>
<tr>
<td>14:10</td>
<td>OP09: Maria Amundadottir, CH A UNIFIED METHOD FOR EVALUATING NON-VISUAL SPECTRAL EFFECTIVENESS OF OCULAR LIGHT EXPOSURE</td>
<td></td>
</tr>
<tr>
<td>15:00</td>
<td>PS2 (D3-1) Presented Posters</td>
<td></td>
</tr>
</tbody>
</table>

**Room 3**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chair: TBD</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:30</td>
<td>OS3 (D6) Photobiology</td>
<td></td>
</tr>
<tr>
<td>15:00</td>
<td>OP10: Anders Thorseth, DK GONIO METRIC CHARACTERIZATION OF LED BASED GREENHOUSE LIGHTING</td>
<td></td>
</tr>
<tr>
<td>13:30</td>
<td>INVITED TALK IT02: Tessa Pocock, US ADVANCED LIGHTING TECHNOLOGY IN CONTROLLED ENVIRONMENT AGRICULTURE</td>
<td></td>
</tr>
<tr>
<td>14:00</td>
<td>PS3 (D4/D5/D6) Presented Posters</td>
<td></td>
</tr>
</tbody>
</table>

**Poster Session (PO1)**

- **PS1 (D1/D6)** Presented Posters (Chair: TBD)
- **PS2 (D3-1)** Presented Posters (Chair: TBD)
- **PS3 (D4/D5/D6)** Presented Posters (Chair: TBD)
- **PP01** Lianian Zhang, CN EXPERIMENTAL RESEARCH ON THE BLUR THRESHOLDS OF DIGITAL IMAGES IN LUMINANCE AND CHROMATIC CHANNELS OF HUMAN VISION
- **PP02** Balesh Nagy, BR INFLUENCE OF BLUE AND AMBER AMBIENT ILLUMINATION ON COGNITIVE PERFORMANCE
- **PP03** Ching-Ju Chou, TW STUDY THE COLOUR FIDELITY QUALITY OF LED SOURCES
- **PP04** Ayako Tsukitani, JP AN EXPERIMENTAL STUDY OF COLOUR RENDERING: COMPARISON BETWEEN SUBJECTIVE AND CALCULATED COLOUR DIFFERENCES OF TEST COLOUR SAMPLES
- **PP05** Yanan Liu, CN OBJECT-BASED COLOR PREFERENCE AND THE IMPORTANCE OF DEVELOPING SPECIAL COLOR RENDITION INDICES
- **PP06** Aurelien David, US OPTIMIZED SET OF REFLECTANCE SAMPLES FOR COLOR RENDITION METRICS
- **PP07** Nana Ishih, JP VISIBILITY OF INDICATOR LAMPS FOR OLDER ADULTS AND LOW VISION PEOPLE
- **PP08** Daniel Englisch, DE SPECTRAL SENSITIVITY IN THE MESOPIC RANGE FOR OBJECTS IN THE PERIPHERY
- **PP09** Myriam Aries, NL DYNAMIC DAYLIGHT AND INPUT FOR INTELLIGENT (DAY)LIGHTING CONTROL
- **PP10** John Mardaljevic, GB NEUTRAL DAYLIGHT ILLUMINATION WITH ELECTROCHROMIC GLAZING: SIMULATION OF ANNUAL PROFILES FOR LIGHT MIXING
- **PP11** Eleonora Brembilla, GB THE EFFECT OF THE ANALYSIS GRID SETTINGS ON DAYLIGHT SIMULATIONS WITH CLIMATE-BASED DAYLIGHT MODELLING
- **PP12** Tao Luo, CN SKY LUMINANCE AND SPECTRUM DISTRIBUTION IN BEIJING
- **PP13** Cristian Ribeiro, FR LONG TERM MEASUREMENTS OF SKY SPECTRAL IRRADIANCES AND VALIDATION OF CIE DAYLIGHT ILLUMINANTS
- **PP14** Dominique Dumortier, FR CLIMATE BASED DAYLIGHT ANALYSIS IN THE CLOUD
- **PP15** Nozomu Yoshizawa, JP A COMPARISON STUDY ON SPATIAL BRIGHTNESS EVALUATION BETWEEN DIFFERENT CULTURAL GROUPS
- **PP16** John Stocks, GB A DISCUSSION ON THE IMPACT OF INTERIORS ON THE COLOUR QUALITY OF LIGHT
- **PP17** Steve Fitosas, GB LAMP SPECTRUM DOES NOT AFFECT PEDESTRIANS’ JUDGEMENTS OF THE EMOTION OF OTHERS AS CONVEYED BY FACIAL EXPRESSION
- **PP18** Rad Sarajli, AE A CONTRAST BASED CALCULATION METHOD FOR STREET LIGHTING DESIGN
- **PP19** Andreas Wakling, DE NEW TI-FORMULA FOR A MORE PRECISE MEASURE OF PHYSIOLOGICAL GLARE DUE TO ROAD LIGHTING
- **PP20** Axel Stoelmeyer, DE EXTENSION OF THE LUMINANCE CONCEPT IN ROAD AND TUNNEL LIGHTING
- **PP21** Cyril Chan, FR AIRPLANE OBSERVATIONS AT NIGHTTIME FOR A SUSTAINABLE URBAN LIGHTING
- **PP22** Leyla Dokuzer-Öztürk, TR AN INVESTIGATION ON THE USE OF COLOURED LIGHT IN FACADE LIGHTING
- **PP23** Pierre Bouleguez, FR PHOTOBIOLOGY – PRESENTATION OF A BLUE LIGHT HAZARD IN VIVO EXPERIMENT ON THE RAT
- **PP24** Elsko Mochizuki, JP CIRCADIAN EFFECTS OF LIGHT EXPOSURE PATTERN CONSIDERING DAYLIGHT FROM WINDOW

**COFFEE BREAK**

15:30 - 16:10
<table>
<thead>
<tr>
<th>Time</th>
<th>Room 1</th>
<th>Room 2</th>
<th>Room 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00</td>
<td><strong>OS4 (D2-1)</strong> Advanced characterisation of measurement devices (Chair: TBD)</td>
<td><strong>OS5 (D3-2)</strong> Visual perception in interior lighting (Chair: TBD)</td>
<td><strong>OS6 (D4-1)</strong> Road lighting (1) (Chair: TBD)</td>
</tr>
<tr>
<td>09:00</td>
<td><strong>INVITED TALK</strong> IT03: Takashi Usuda, JP CCPR ACTIVITIES AND THE CIPM MRA</td>
<td><strong>INVITED TALK</strong> IT04: Arnold Wilkins, GB SPATIAL AND TEMPORAL PATTERN DISCOMFORT</td>
<td><strong>INVITED TALK</strong> IT05: Geoff Draper, GB GLARE COMPLAINTS THEIR IMPACT UPON THE REGULATION OF AUTOMOTIVE LIGHTING</td>
</tr>
<tr>
<td>09:30</td>
<td><strong>OP11</strong>: Hiroshi Shitomi, JP POTENTIAL EFFECT ON THE DIFFERENCE IN EVALUATING CONDITION FOR UV AND IR INDEX OF PHOTOMETERS ACCORDING TO ISO/CIE 19476</td>
<td><strong>OP15</strong>: Hanui Yu, JP EFFECT OF LIGHT COLOUR ON SPATIAL BRIGHTNESS</td>
<td><strong>OP19</strong>: Miyoshi Ayama, JP DISCOMFORT GLARE OF LED STREET LIGHTS WITH DIFFERENT CORRELATED COLOR TEMPERATURES</td>
</tr>
<tr>
<td>09:50</td>
<td><strong>OP12</strong>: Richard Young, DE THE RELATIONSHIP BETWEEN MEASUREMENT ERROR AND PHOTOMETER COSINE RESPONSE PERFORMANCE INDEX</td>
<td><strong>OP16</strong>: James Sullivan, NZ PREDICTING BRIGHTNESS IN MORE COMPLEX ENVIRONMENTS: APPLYING THE HAUBNER EQUATION</td>
<td><strong>OP20</strong>: Vincent Boucher, FR DISABILITY GLARE EVALUATION IN DRIVING CONDITION USING HIGH DYNAMIC RANGE IMAGES</td>
</tr>
<tr>
<td>10:10</td>
<td><strong>OP13</strong>: Franko Schmähling, DE VIRTUAL EXPERIMENTS FOR PHOTOMETRIC AND RADIOMETRIC MEASUREMENTS</td>
<td><strong>OP17</strong>: Jun Munakata, JP PERCEPTION OF ILLUMINANCE SIMULTANEOUS CHANGE OF TASK AND AMBIENT LIGHTING</td>
<td><strong>OP21</strong>: Steve Fotios, GB LIGHTING FOR CYCLING: DETECTING ROAD SURFACE HAZARDS</td>
</tr>
<tr>
<td>10:30</td>
<td><strong>OP14</strong>: Yanfei Wang, CN AN IMPROVED APPROACH FOR ARRAY SPECTRORADIOMETERS BANDPASS CORRECTION BASED ON DIFFERENTIAL QUADRATURE METHOD</td>
<td><strong>OP18</strong>: Ronnier Luo, CN ASSESSMENTS OF WHITE PERCEPTION IN A REAL LIT ROOM</td>
<td><strong>OP22</strong>: Jakob Munkgaard Andersen, DK FACILITY TO EVALUATE STREET LIGHTING SOLUTIONS IN A REALISTIC URBAN SETTING</td>
</tr>
<tr>
<td>10:50</td>
<td><strong>COFFEE BREAK</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:10</td>
<td><strong>WS1</strong>: Seminar COLOUR QUALITY OF LED LIGHTING Conveners: Ronnier Luo, CN; Tran Quoc Khanh, DE</td>
<td><strong>WS2</strong>: Seminar ASSESSING LIGHTING METRICS Conveners: Peter Boyce, GB; Jennifer Veitch, CA</td>
<td><strong>WS3</strong>: Seminar ADAPTIVE LIGHTING AND VISIBILITY Conveners: Ron Gibbons, US</td>
</tr>
<tr>
<td>12:40</td>
<td><strong>PUBLICATIONS IN W1H</strong>: OP75: Peter Rodinger, DE INTERCULTURAL COLOUR TEMPERATURE PREFERENCE OF CHINESE AND EUROPEAN SUBJECTS LIVING IN GERMANY</td>
<td><strong>PUBLICATIONS IN W2H</strong>: OP76: Ferenc Szabó, HU HUMAN CENTRIC INTELLIGENT LIGHTING FOR MUSEUM APPLICATIONS</td>
<td></td>
</tr>
<tr>
<td>12:40</td>
<td></td>
<td></td>
<td><strong>LUNCH</strong></td>
</tr>
<tr>
<td>14:00</td>
<td><strong>DIV/TC meetings</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18:30</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Tuesday, June 30**

**Morning**

- **Room 1**
  - **OS4 (D2-1)** Advanced characterisation of measurement devices (Chair: TBD)
  - **INVITED TALK** IT03: Takashi Usuda, JP CCPR ACTIVITIES AND THE CIPM MRA
  - **OP11**: Hiroshi Shitomi, JP POTENTIAL EFFECT ON THE DIFFERENCE IN EVALUATING CONDITION FOR UV AND IR INDEX OF PHOTOMETERS ACCORDING TO ISO/CIE 19476
  - **OP12**: Richard Young, DE THE RELATIONSHIP BETWEEN MEASUREMENT ERROR AND PHOTOMETER COSINE RESPONSE PERFORMANCE INDEX
  - **COFFEE BREAK**
  - **WS1**: Seminar COLOUR QUALITY OF LED LIGHTING Conveners: Ronnier Luo, CN; Tran Quoc Khanh, DE
  - **PUBLICATIONS IN W1H**: OP75: Peter Rodinger, DE INTERCULTURAL COLOUR TEMPERATURE PREFERENCE OF CHINESE AND EUROPEAN SUBJECTS LIVING IN GERMANY

**Room 2**

- **OS5 (D3-2)** Visual perception in interior lighting (Chair: TBD)
- **INVITED TALK** IT04: Arnold Wilkins, GB SPATIAL AND TEMPORAL PATTERN DISCOMFORT
- **OP15**: Hanui Yu, JP EFFECT OF LIGHT COLOUR ON SPATIAL BRIGHTNESS
- **OP16**: James Sullivan, NZ PREDICTING BRIGHTNESS IN MORE COMPLEX ENVIRONMENTS: APPLYING THE HAUBNER EQUATION
- **OP17**: Jun Munakata, JP PERCEPTION OF ILLUMINANCE SIMULTANEOUS CHANGE OF TASK AND AMBIENT LIGHTING
- **OP18**: Ronnier Luo, CN ASSESSMENTS OF WHITE PERCEPTION IN A REAL LIT ROOM
- **WS2**: Seminar ASSESSING LIGHTING METRICS Conveners: Peter Boyce, GB; Jennifer Veitch, CA

**Room 3**

- **OS6 (D4-1)** Road lighting (1) (Chair: TBD)
- **INVITED TALK** IT05: Geoff Draper, GB GLARE COMPLAINTS THEIR IMPACT UPON THE REGULATION OF AUTOMOTIVE LIGHTING
- **OP19**: Miyoshi Ayama, JP DISCOMFORT GLARE OF LED STREET LIGHTS WITH DIFFERENT CORRELATED COLOR TEMPERATURES
- **OP20**: Vincent Boucher, FR DISABILITY GLARE EVALUATION IN DRIVING CONDITION USING HIGH DYNAMIC RANGE IMAGES
- **OP21**: Steve Fotios, GB LIGHTING FOR CYCLING: DETECTING ROAD SURFACE HAZARDS
- **OP22**: Jakob Munkgaard Andersen, DK FACILITY TO EVALUATE STREET LIGHTING SOLUTIONS IN A REALISTIC URBAN SETTING

**DIV/TC meetings**
<table>
<thead>
<tr>
<th>Time</th>
<th>Room 1</th>
<th>Room 2</th>
<th>Room 3</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00</td>
<td>OS7 (D1-2)</td>
<td>OS8 (D3-3)</td>
<td>OS9 (D4-2)</td>
<td>09:00</td>
</tr>
<tr>
<td></td>
<td>INVESTIGATION OF LUMINOUS COLOUR DIFFERENCES WITHIN AND BETWEEN LUMINAIRES</td>
<td>LUMINANCE DISTRIBUTIONS AND VISUAL APPEARANCE IN OFFICES</td>
<td>APPLICABILITY OF MESOPIC FACTORS TO THE DRIVING TASK</td>
<td></td>
</tr>
<tr>
<td>09:00</td>
<td>OP24: Martijn Wijtouck, BE</td>
<td>OP29: Tse Ming Chung, HK</td>
<td>OP34: Tatsukiyo Uchida, JP</td>
<td></td>
</tr>
<tr>
<td>09:20</td>
<td>TOWARDS A NEW COLOUR APPEARANCE MODEL FOR UNRELATED COLOURS</td>
<td>OFFICE LIGHTING ASSESSMENT: UNDERLYING PROBLEMS AND FEASIBILITY OF EXISTING LIGHTING METRICS</td>
<td>ADAPTATION LUMINANCE SIMULATION FOR CIE MESOPIC PHOTOMETRY SYSTEM IMPLEMENTATION</td>
<td></td>
</tr>
<tr>
<td>09:40</td>
<td>OP25: Li-Chen Ou, TW</td>
<td>OP30: Adrie de Vries, NL</td>
<td>OP35: Steve Fotios, GB</td>
<td></td>
</tr>
<tr>
<td>10:00</td>
<td>FEASIBILITY OF A UNIVERSAL MODEL FOR COLOUR HARMONY</td>
<td>WALL ILLUMINATION - BEYOND ROOM APPRAISAL</td>
<td>HOW MUCH LIGHT DO WE NEED TO JUDGE ANOTHER PERSONS’ INTENTIONS?</td>
<td></td>
</tr>
<tr>
<td>10:20</td>
<td>OP26: Muhammad Safdar, CN</td>
<td>OP31: Biao Yang, GB</td>
<td>OP36: Maria Johansson, SE</td>
<td></td>
</tr>
<tr>
<td>10:40</td>
<td>USING DIGITAL RGB CAMERA TO MEASURE ROOM APPEARANCE</td>
<td>GAZE ALLOCATION OF PEDESTRIANS WALKING IN CORRIDORS WITH DIFFERENT LIGHTING LEVELS AND DYNAMIC LED VISUAL AIDS</td>
<td>PERCEIVED LIGHTING QUALITIES AND PEDESTRIANS’ PERFORMANCE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>THE APPEARANCE OF PAINTINGS AND COLOUR CHARTS UNDER WHITE LEDS WITH HIGH COLOUR RENDERING</td>
<td>FROM WINDOWS TO DAYLIGHTING SYSTEMS: HOW DAYLIGHT AFFECTS THE AESTHETIC PERCEPTION OF ARCHITECTURE</td>
<td>THE EFFECT OF STREET LIGHTING ON PEDESTRIANS’ PERCEPTIONS OF SAFETY IN RESIDENTIAL ENVIRONMENTS</td>
<td></td>
</tr>
<tr>
<td>10:40</td>
<td>COFFEE BREAK</td>
<td></td>
<td></td>
<td>10:40</td>
</tr>
<tr>
<td>12:30</td>
<td>Characterization of the optical and visual properties of materials</td>
<td>GAZE-DRIVEN APPROACH FOR ESTIMATING LUMINANCE VALUES IN THE FIELD OF VIEW FOR DISCOMFORT GLARE ASSESSMENTS</td>
<td>EVALUATION OF INDOOR LIGHTING SITUATIONS IN PUBLIC ACCESS BUILDINGS AND OUTDOOR SITUATIONS IN URBAN ENVIRONMENT AT NIGHT BY VISUALLY IMPAIRED PEOPLE</td>
<td>12:30</td>
</tr>
<tr>
<td>11:10</td>
<td>OP39: Frederic Lealou, GB</td>
<td>OP43: Yang Yang, CN</td>
<td>OP47: Christopher Baddiley, GB</td>
<td></td>
</tr>
<tr>
<td>11:30</td>
<td>INVESTIGATION OF THE INTER-INSTRUMENT AGREEMENT OF SPECULAR GLOSSMETERS</td>
<td>DISCOMFORT GLARE CAUSED BY NON-UNIFORM WHITE LED MATRICES</td>
<td>LIGHT POLLUTION MODELLING FOR THE HIGHWAYS AGENCY NEW ENVIRONMENTAL IMPACT POLICY, FOR A SEA BASED WIND FARM, AND IMPLICATIONS OF RESULTS OF AN AONB DARK SKY SURVEY</td>
<td>11:30</td>
</tr>
<tr>
<td>12:10</td>
<td>ILLUMINANCE-PROXY HIGH DYNAMIC RANGE IMAGING: A NEW WAY TO MEASURE SURFACE REFLECTANCE</td>
<td>PREDICTION OF DISCOMFORT GLARE OF A NON-UNIFORM LIGHT SOURCE BY USE OF ITS LUMINANCE IMAGE</td>
<td>THE INFLUENCE OF LIGHTING ON WAYFINDING IN THE URBAN ENVIRONMENT</td>
<td>12:10</td>
</tr>
<tr>
<td>12:10</td>
<td>MEASUREMENT OF GONIOFLUORESCENCE IN PHOTOLUMINISCENT MATERIALS</td>
<td>OP45: Qianying Dai, CN</td>
<td>OP49: Mojtaba Navvab, US</td>
<td></td>
</tr>
<tr>
<td>12:30</td>
<td></td>
<td>COMFORT-BRIGHTNESS TWO-AXIS EVALUATION SYSTEM AND GLARE INDEX</td>
<td>PHOTOMETRIC EVALUATIONS FOR PEDESTRIAN ENVIRONMENTS WITH EMPHASIS ON LIGHT SPECTRUM AT MESOPIC LEVELS</td>
<td>12:30</td>
</tr>
<tr>
<td>12:30</td>
<td>LUNCH</td>
<td></td>
<td></td>
<td>12:30</td>
</tr>
<tr>
<td>Time</td>
<td>Event</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------</td>
<td>--------------------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:00</td>
<td>Poster Session (PO2)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:30</td>
<td>DIV/TC meetings</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:30</td>
<td>Gala Dinner <em>(for invited guests and delegates who have purchased tickets ONLY)</em></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Thursday, July 02  
Morning

<table>
<thead>
<tr>
<th>Time</th>
<th>Room 1</th>
<th>Room 2</th>
<th>Room 3</th>
</tr>
</thead>
</table>
| 09:00 | OS13 (D2-3)  
Near and far field goniophotometry  
(Chair: TBD) | OS14 (D3-5)  
Lighting control  
(Chair: TBD) | OS15 (D1-3)  
Visual perception  
(Chair: TBD) |
| 09:00 |  
10:00 |  
10:00 |
| 09:00 | OP50: Tony Bergen, AU  
VALIDATION OF THE USE OF ZERO-LENGTH PHOTOMETRY IN THE GONIOPHOTOMETRY OF SOLID-STATE LIGHTING DEVICES | OP53: Wenye Hu, AU  
ILLUMINANCE RESOLUTION AND USABILITY OF INTERACTIVE LIGHTING CONTROL SYSTEMS | OP56: Malcolm Nicholson, GB  
APPARENT INTENSITY OF FLASHING LIGHTS |
| 09:20 |  
09:40 |  
09:40 |
| 09:40 | OP51: Udo Krüger, DE  
ANALYSES OF ERRORS ASSOCIATED WITH PHOTOMETRIC DISTANCE IN GONIOPHOTOMETRY | OP54: Toshi Iwata, JP  
A DAYLIGHT RESPONSIVE DIMMING SYSTEMS WITHOUT INDOOR PHOTORECEPTOR IN AN OFFICE WITH PSV-BASED BLIND CONTROL | OP57: Mark Rea, US  
SHEDDING LIGHT ON LIGHT AND LIGHTING |
| 10:00 |  
10:00 |  
10:00 |
| 10:30 | PS4 (D2)  
Presented Posters  
(Chair: TBD) | PS5 (D3-2)  
Presented Posters  
(Chair: TBD) | PS6 (D4)  
Presented Posters  
(Chair: TBD) |
| 10:30 |  
11:10 |  
11:10 |
| 10:30 | PP25  
Alejandro Ferrero, ES  
MEASURING SPARKLE OF EFFECT COATINGS | PP33  
Yunghen Pan, IR  
DAYLIGHT MEMORY COLOUR FOR LIGHTINGS | PP41  
Cyril Chain, FR  
LUMIRoute: OPTIMISATION OF ROAD SURFACES REFLECTION PROPERTIES AND LIGHTING |
| 10:35 |  
10:40 |  
10:40 |
| 10:35 | PP26  
Tony Bergen, AU  
HIGH ACCURACY CALIBRATION AND USE OF POWER ANALYSERS FOR MEASUREMENT OF SOLID STATE LIGHTING DEVICES | PP34  
Steve Fitos, GB  
THE GERMAN BRIGHTNESS EXPERIMENT REPEATED: A DISCUSSION OF METHODOLOGY AND METRICS FOR SPATIAL BRIGHTNESS | PP42  
Allan Ruberg, DK  
RESEARCH PROJECT SHEDS LIGHT ON THE PERFORMANCE OF THE LED TECHNOLOGY IN RELATION TO ROAD LIGHTING |
| 10:40 |  
10:45 |  
10:45 |
| 10:40 | PP27  
Kathryn Nield, NZ  
ROOM TEMPERATURE POED: DYNAMIC RANGE, TEMPERATURE SENSITIVITY AND LINEARITY OF RESPONSE | PP35  
Ada Lopadottir, DK  
A CASE STUDY ON OCCUPANT CONTROLLED LIGHTING IN OFFICES | PP43  
Haiqing Shen, CN  
FIELD STUDY ON FLICKER EFFECT IN TUNNEL LIGHTING USING LINEAR LIGHT EMITTING DIODE LUMINAIRES |
| 10:45 |  
10:50 |  
10:50 |
| 10:45 | PP28  
Jiaping Wang, CN  
AN IMPROVED GONIOPHOTOMETER USING CURVED MIRROR | PP36  
Tae Ming Chung, HK  
A NEW METHOD FOR ESTIMATING SAVEABLE LIGHTING ENERGY IN VISUALLY ACCEPTABLE DAYLIT CELLULAR OFFICES IN HONG KONG | PP44  
Hayato Ito, JP  
TUNNEL LIGHTING DESIGN FOR ENERGY SAVING BY THE METHOD OF HIGH UNIFORMITY OF ROAD SURFACE LUMINANCE |
| 10:50 |  
10:55 |  
10:55 |
| 10:50 | PP29  
Thorsten Gerloff, DE  
TRACEABLE GONIOPHOTOMETRY ON HIGH-POWER-LEDs AT PTB | PP37  
Sheng Peng, CN  
OBJECTIVE EVIDENCE OF VISUAL COMFORT LIGHTING FOR COMPUTER USE AT HOME | PP45  
John Bullough, US  
WARNING BEACON CHARACTERISTICS FOR VISIBILITY, GLASS PREVENTION AND CLOSURE DETECTION |
| 10:55 |  
11:00 |  
11:00 |
| 10:55 | PP30  
Denan Konjhodzic, DE  
INFLUENCE OF BURNING POSITION ON GONIOSPECTROPHOTOMETRIC MEASUREMENTS | PP38  
Miki Kozaki, JP  
BASIC RESEARCH ON THE RELATIONSHIP BETWEEN ILLUMINANCE VALUE AND SPATIAL DISTRIBUTION OF LUMINANCE: EXPLORATORY DATA ANALYSIS USING LIGHTING SIMULATION | PP46  
Céline Villa, FR  
SMART INTENSITY MANAGEMENT OF LED ROAD STUDS |
| 11:00 |  
11:05 |  
11:05 |
| 11:00 | PP31  
Roman Dubnicka  
METHODS FOR CORRECTION OF THE LIDC MEASUREMENTS BY MEANS OF GONIOPHOTOMETERS WITH ROTATING LUMINAIRES FOR DIFFERENT LAMPS | PP39  
Yi Lin, CN  
A FIELD SURVEY STUDY OF OFFICE LIGHTING IN A HIGH-DENSITY URBAN AREA | PP47  
Travis Terry, US  
THE INTERACTION OF OVERHEAD LIGHTING AND VEHICLE HEADLIGHTS |
| 11:05 |  
11:10 |  
11:10 |
| 11:05 | PP32  
Udo Krüger, DE  
MEASUREMENT UNCERTAINTY OF PHOTOMETRIC MEASUREMENTS CONSIDERING THE REQUIREMENTS OF THE NEW DRAFT INTERNATIONAL STANDARD CIE DIS 205E:2014 | PP40  
Dionyz Gasparovsky, SK  
LUMINANCE DISTRIBUTION AND ILLUMINANCE OF SURFACES AT OFFICE BUILDINGS WITH RESPECT TO THE REQUIREMENTS TO ILLUMINATION OF INTERIOR WORKPLACES | PP48  
Kenji Ueda, JP  
TESTS ON ACTUAL EXPRESSWAY FOR APPLICATION OF PURKINJE PHENOMENON IN ROAD LIGHTING |
| 11:10 |  
12:00 |  
12:00 |
| 11:10 | PP49  
Reza M. Farahani, IR  
AN IMPROVED APPROACH FOR ANALYSIS OF A NEW PHOTOMETER FOR THE MEASUREMENT OFバルコニール PERSPECTIVE COEFFICIENTS | PP50  
John Bullough, US  
RESEARCH ON THE RELATIONSHIP BETWEEN ILLUMINANCE VALUE AND SPATIAL DISTRIBUTION OF LUMINANCE: EXPLORATORY DATA ANALYSIS USING LIGHTING SIMULATION | PP49  
John Bullough, US  
THE INTERACTION OF OVERHEAD LIGHTING AND VEHICLE HEADLIGHTS |
| 12:00 |  
12:40 |  
12:40 |
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00</td>
<td>DIV/TC meetings</td>
</tr>
<tr>
<td>18:30</td>
<td></td>
</tr>
</tbody>
</table>

Thursday, July 02
Afternoon
<table>
<thead>
<tr>
<th>Room 1</th>
<th>Room 2</th>
<th>Room 3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OS16 (D2-4)</strong></td>
<td><strong>OS17 (D3-6)</strong></td>
<td><strong>OS18 (D4-3)</strong></td>
</tr>
<tr>
<td>Characterization of light sources (Chair: TBD)</td>
<td>Integrated design (Chair: TBD)</td>
<td>Road lighting (3) (Chair: TBD)</td>
</tr>
<tr>
<td>09:00 - 10:40</td>
<td>09:00 - 10:40</td>
<td>09:00 - 10:40</td>
</tr>
<tr>
<td><strong>OP59:</strong> Erkki Ikonen, FI</td>
<td><strong>OP64:</strong> Hiroshi Nakayama, JP</td>
<td><strong>OP69:</strong> Giuseppe Rossi, IT</td>
</tr>
<tr>
<td>ACCURATE MEASUREMENT OF ILLUMINANCE AND LUMINOUS Efficacy OF WHITE LED LAMPS</td>
<td>A STUDY ON THE EFFECT OF LED LAMPS ON AIR-CONDITIONING LOAD IN BUSINESS-RELATED BUILDING</td>
<td>ADAPTIVE SYSTEMS IN ROAD LIGHTING INSTALLATIONS</td>
</tr>
<tr>
<td>09:00 - 09:20</td>
<td>09:00 - 09:20</td>
<td>09:00 - 09:20</td>
</tr>
<tr>
<td><strong>OP60:</strong> Maumita Chakrabarti, DK</td>
<td><strong>OP65:</strong> Ling Xia, NL</td>
<td><strong>OP70:</strong> Kenneth Jonsson, SE</td>
</tr>
<tr>
<td>MONTE CARLO ANALYSIS OF MULTICOLOUR LED LIGHT ENGINE</td>
<td>SIMULTANEOUS MEASUREMENT AND VISUALISATION OF LIGHT FLOW AND DIFFUSENESS IN 3D SPACE</td>
<td>TRAFFIC COMPENSATED LUMINANCE ESTIMATION</td>
</tr>
<tr>
<td>09:20 - 09:40</td>
<td>09:20 - 09:40</td>
<td>09:20 - 09:40</td>
</tr>
<tr>
<td><strong>OP61:</strong> Tobias Porsch, DE</td>
<td><strong>OP66:</strong> Martine Knoop, DE</td>
<td><strong>OP71:</strong> Roland Brémond, FR</td>
</tr>
<tr>
<td>MEASUREMENT OF THE UNIFIED GLARE RATING (UGR) BASED ON USING ILMD</td>
<td>METHODOLOGY TO CREATE SPECTRAL SKY MODELS TO ENABLE THE INCLUSION OF COLORIMETRIC CHARACTERISTICS OF DAYLIGHT IN RESEARCH AND DESIGN</td>
<td>COMPARISON BETWEEN OPTICAL AND COMPUTER VISION ESTIMATES OF VISIBILITY IN DAYTIME FOG</td>
</tr>
<tr>
<td>09:40 - 10:00</td>
<td>09:40 - 10:00</td>
<td>09:40 - 10:00</td>
</tr>
<tr>
<td><strong>OP62:</strong> Valery Ann Jacobs, BE</td>
<td><strong>OP67:</strong> Manolis Patriarche, FR</td>
<td><strong>OP72:</strong> Rajaram Bhagavathula, US</td>
</tr>
<tr>
<td>SPECTRAL RAY FILES OF LIGHT SOURCES USING PRINCIPAL COMPONENT ANALYSIS</td>
<td>ILLUMINANCE MEASUREMENTS IN AN URBAN CANYON SCALE MODEL ACCORDING TO ASPECT RATIOS, COATINGS AND SKY TYPES</td>
<td>A NEW APPROACH TO ANALYZE NIGHTTIME ROADWAY VISIBILITY THROUGH DISTRIBUTION ANALYSIS OF DETECTION DISTANCES</td>
</tr>
<tr>
<td>10:00 - 10:20</td>
<td>10:00 - 10:20</td>
<td>10:00 - 10:20</td>
</tr>
<tr>
<td><strong>OP63:</strong> Yuqin Zong, US</td>
<td><strong>OP68:</strong> John Mardaljevic, GB</td>
<td><strong>OP73:</strong> Cyril Chain, FR</td>
</tr>
<tr>
<td>DEVELOPMENT OF A NEW SPHERE-GONIOPHOTOMETER METHOD</td>
<td>THE SUN EXPOSURE INDEX: A NEW METRIC TO QUANTIFY THE SUNLIGHT POTENTIAL OF ARBITRARILY COMPLEX BUILDING APERTURES</td>
<td>EVALUATION OF VISUAL TROUBLES DUE TO LUMINOUS ADVERTIZINGS IN URBAN AREAS</td>
</tr>
<tr>
<td>10:20 - 10:40</td>
<td>10:20 - 10:40</td>
<td>10:20 - 10:40</td>
</tr>
<tr>
<td><strong>COPPER BREAK</strong></td>
<td></td>
<td><strong>CLOSE CEREMONY</strong></td>
</tr>
<tr>
<td>10:40 - 10:40</td>
<td>10:40 - 10:40</td>
<td>12:40 - 12:40</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>LUNCH / Farewell Reception</strong></td>
</tr>
<tr>
<td></td>
<td>11:10 - 12:40</td>
<td></td>
</tr>
<tr>
<td>Convener: Peter Blattner, CH</td>
<td>Conveners: Jennifer Veitch, CA; John O'Hagan, GB</td>
<td>Convener: Kaida Xiao, GB</td>
</tr>
<tr>
<td>Presentation in WS4: OP76: Tuomas Poikonen, FI TOWARDS LED-BASED PHOTOMETRIC STANDARDS</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:40 - 12:40</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CLOSING CEREMONY</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:40 - 12:40</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>12:40 - 12:40</td>
<td></td>
</tr>
<tr>
<td><strong>LUNCH / Farewell Reception</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:40 - 12:40</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DIV/TC meetings</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:00 - 15:30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DIV/TC meetings</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:00 - 15:30</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Colour Key

<table>
<thead>
<tr>
<th>DAY</th>
<th>WORKSHOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>INVITED TALK</td>
<td>PRESENTED POSTER</td>
</tr>
<tr>
<td>ORAL PRESENTATION</td>
<td>POSTER</td>
</tr>
<tr>
<td>ORAL PRESENTATION</td>
<td>DIV/TC MEETING</td>
</tr>
<tr>
<td>BREAK</td>
<td>SOCIAL EVENT</td>
</tr>
<tr>
<td>ROOM / SESSION NO.</td>
<td>OPENING/AWARD/CLOSING CEREMONY</td>
</tr>
</tbody>
</table>

#### Saturday, July 04

**Morning**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00</td>
<td>DIV/TC meetings</td>
</tr>
<tr>
<td>12:30</td>
<td>LUNCH</td>
</tr>
</tbody>
</table>

**Afternoon**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00</td>
<td>DIV/TC meetings</td>
</tr>
<tr>
<td>18:30</td>
<td>DIV/TC meetings</td>
</tr>
<tr>
<td>PO1-01</td>
<td>Lianlian Zhang, CN</td>
</tr>
<tr>
<td>PO1-02</td>
<td>Balazs Nagy, BR</td>
</tr>
<tr>
<td>PO1-03</td>
<td>Daniel Englisch, DE</td>
</tr>
<tr>
<td>PO1-04</td>
<td>Hiroshi Takahashi, JP</td>
</tr>
<tr>
<td>PO1-05</td>
<td>Sophie Jost, FR</td>
</tr>
<tr>
<td>PO1-06</td>
<td>Yuki Kawashima, JP</td>
</tr>
<tr>
<td>PO1-07</td>
<td>Ching-Ju Chou, TW</td>
</tr>
<tr>
<td>PO1-08</td>
<td>Ayako Tsukitani, JP</td>
</tr>
<tr>
<td>PO1-09</td>
<td>Yandan Lin, CN</td>
</tr>
<tr>
<td>PO1-10</td>
<td>Yandan Lin, CN</td>
</tr>
<tr>
<td>PO1-11</td>
<td>Laura Bellia, IT</td>
</tr>
<tr>
<td>PO1-12</td>
<td>Ronnier Luo, CN</td>
</tr>
<tr>
<td>PO1-13</td>
<td>Saedeh Gorgi Kandi, IR</td>
</tr>
<tr>
<td>PO1-14</td>
<td>Aurelien David, US</td>
</tr>
<tr>
<td>PO1-15</td>
<td>Roman Dubnicka, SK</td>
</tr>
<tr>
<td>PO1-16</td>
<td>Monica Billger, SE</td>
</tr>
<tr>
<td>PO1-17</td>
<td>Takayoshi Fuchida, JP</td>
</tr>
<tr>
<td>PO1-18</td>
<td>Pedro Pardo, ES</td>
</tr>
<tr>
<td>PO1-19</td>
<td>Tushar Chauhan, GB</td>
</tr>
<tr>
<td>PO1-20</td>
<td>Kaida Xiao, GB</td>
</tr>
<tr>
<td>PO1-21</td>
<td>Makio Akimoto, JP</td>
</tr>
<tr>
<td>PO1-22</td>
<td>Chao-Hua Wen, TW</td>
</tr>
<tr>
<td>PO1-23</td>
<td>Craig Revie, GB</td>
</tr>
<tr>
<td>PO1-24</td>
<td>Kazim Hilmi Or, TR</td>
</tr>
<tr>
<td>PO1-25</td>
<td>Kazim Hilmi Or, TR</td>
</tr>
<tr>
<td>PO1-26</td>
<td>Ágnes Urbín, HU</td>
</tr>
<tr>
<td>PO1-27</td>
<td>Ágnes Urbín, HU</td>
</tr>
<tr>
<td>PO1-28</td>
<td>Dionyz Gasparovsky, SK</td>
</tr>
<tr>
<td>PO1-29</td>
<td>Kyota Morimoto, JP</td>
</tr>
<tr>
<td>PO1-30</td>
<td>Yuko Akashi, JP</td>
</tr>
<tr>
<td>PO1-31</td>
<td>Nana Itoh, JP</td>
</tr>
<tr>
<td>PO1-32</td>
<td>Peter Dehoff, AT</td>
</tr>
<tr>
<td>PO1-33</td>
<td>En Yu Liu, CN</td>
</tr>
<tr>
<td>PO1-34</td>
<td>En Yu Liu, CN</td>
</tr>
<tr>
<td>PO1-35</td>
<td>Ichiro Katayama, JP</td>
</tr>
<tr>
<td>PO1-36</td>
<td>Takashi Sakamoto, JP</td>
</tr>
<tr>
<td>PO1-37</td>
<td>Yusuke Iida, JP</td>
</tr>
<tr>
<td>PO1-38</td>
<td>Changjun Li, CN</td>
</tr>
<tr>
<td>PO1-39</td>
<td>Lorne Whitehead, CA</td>
</tr>
</tbody>
</table>
PO1-40 Manuel Melgosa, ES
WHY DO COLOR-DIFFERENCE FORMULAS PERFORM WORSE FOR VERY SMALL COLOR DIFFERENCES?

PO1-41 Stuart Mucklejohn, GB
UTILIZING THE REFRACTANCE SPECTRA OF MUNSELL COLOUR CHIPS

PO1-42 John Stocks, GB
A DISCUSSION ON THE IMPACT OF INTERIORS ON THE COLOUR QUALITY OF LIGHT

PO1-43 Naoyuki Oi, JP
LIGHTING QUALITY: POSSIBILITY OF LUMINANCE DISTRIBUTION AS ITS DETERMINANT

PO1-44 Calin Ciugudeanu, RO
ENERGY SAVING ASSESSMENT OF THE PASSIVE TUBULAR DAYLIGHT GUIDANCE SYSTEMS FOR ROMANIA

PO1-45 Calin Ciugudeanu, RO
SUSTAINABLE LIGHTING REFURBISHMENT SOLUTIONS: TECHNICAL UNIVERSITY OF CLUJ-NAPoca CASE

PO1-46 Nozomu Yoshizawa, JP
A COMPARISON STUDY ON SPATIAL BRIGHTNESS EVALUATION BETWEEN DIFFERENT CULTURAL GROUPS

PO1-47 Yoshikane Kojima, JP
LIGHT ENVIRONMENT CONTROL SYSTEM USING PERCEPTION OF BRIGHTNESS

PO1-48 Stanislav Darula, SK
DERIVATING ILLUMINANCE FOR MODEL MEASUREMENTS UNDER ARTIFICIAL SKY

PO1-49 Myriam Aries, NL
DYNAMIC DAYLIGHT AND INPUT FOR INTELLIGENT (DAY)LIGHTING CONTROL

PO1-50 John Mardaljevic, GB
NEUTRAL DAYLIGHT ILLUMINATION WITH ELECTROCHROMIC GLAZING: SIMULATION OF ANNUAL PROFILES FOR ‘LIGHT MIXING’

PO1-51 John Mardaljevic, GB
ILLUMINATION AND CONSERVATION: A CASE STUDY EVALUATION OF DAYLIGHT EXPOSURE FOR AN ARTWORK IN A HERITAGE SETTING

PO1-52 Eleonora Brembilla, GB
THE EFFECT OF THE ANALYSIS GRID SETTINGS ON DAYLIGHT SIMULATIONS WITH CLIMATE-BASED DAYLIGHT MODELLING

PO1-53 Tao Luo, CN
SKY LUMINANCE AND SPECTRUM DISTRIBUTION IN BEIJING

PO1-54 Tao Luo, CN
A NEW SIMULATION METHOD FOR LIGHTING ENERGY CONSUMPTION FOR OFFICE BUILDING

PO1-55 Guillaume Tourasse, FR
LONG TERM MEASUREMENTS OF SKY SPECTRAL IRRADIANCES AND VALIDATION OF CIE DAYLIGHT ILLUMINANTS

PO1-56 Dominique Dumortier, FR
CLIMATE BASED DAYLIGHT ANALYSIS IN THE CLOUD

PO1-57 Ladislav Kómar, SK
LUMINANCE DISTRIBUTION ON HEMISPHERICAL ARTIFICIAL SKY DEPENDING ON LUMINAIRE CHARACTERISTICS AND POSITION

PO1-58 Zhang Bin, CN
RESEARCH ON INDOOR DAYLIGHTING DESIGN FOR RESIDENCE BASED ON CONCEPT OF DAYLIGHTING ENERGY EFFICIENCY

PO1-59 Jitka Mohelnikova, CZ
POST OCCUPANCY DAYLIGHT STUDY IN A HIGH-RISE BUILDING

PO1-60 Jitka Mohelnikova, CZ
INFLUENCE OF WINDOW ORIENTATION ON A ROOM DAYLIGHTING

PO1-61 Tomoko Taniguchi, JP
DISTRIBUTION CURVE OF LUMINOUS INTENSITY OF WINDOW SYSTEM USING DIRECT SUNLIGHT

PO1-62 Miroslav Fabian, SK
METHOD FOR DETERMINATION OF YEAR SKY REFERENCE CONDITIONS

PO1-63 Steve Fotios, GB
DAYLIGHT AND SEATING PREFERENCE IN OPEN-PLAN SPACES

PO1-64 Steve Fotios, GB
LAMP SPECTRUM DOES NOT AFFECT PEDESTRIANS’ JUDGEMENTS OF THE EMOTION OF OTHERS AS CONVEYED BY FACIAL EXPRESSION

PO1-65 Riad Saraiji, AE
A CONTRAST BASED CALCULATION METHOD FOR STREET LIGHTING DESIGN

PO1-66 Andreas Walling, DE
NEW TI-FORMULA FOR A MORE PRECISE MEASURE OF PHYSIOLOGICAL GLARE DUE TO ROAD LIGHTING

PO1-67 Axel Stockmar, DE
EXTENSION OF THE LUMINANCE CONCEPT IN ROAD AND TUNNEL LIGHTING

PO1-68 Cyril Chain, FR
AIRPLANE OBSERVATIONS AT NIGHTTIME FOR A SUSTAINABLE URBAN LIGHTING

PO1-69 Leyla Dökuzer-Öztürk, TR
AN INVESTIGATION ON THE USE OF COLOURED LIGHT IN FACADE LIGHTING

PO1-70 Pierre Boullenguez, FR
PHOTOBIOLOGY – PRESENTATION OF A BLUE LIGHT HAZARD IN VIVO EXPERIMENT ON THE RAT

PO1-71 Etsuko Mochizuki, JP
CIRCADIAN EFFECTS OF LIGHT EXPOSURE PATTERN CONSIDERING DAYLIGHT FROM WINDOW

PO1-72 Jiayin Song, CN
THE PHOTOCYTOTOXICITY OF DIFFERENT LIGHTS ON MAMMALIAN CELLS IN INTERIOR LIGHTING SYSTEM

PO1-73 Ching Chze Foo, JP
EFFECT OF CORRELATED COLOUR TEMPERATURE AND INTRINSICALLY PHOTOSENSITIVE RETINAL GANGLION CELLS RESPONSE ON A VISUAL TASK

PO1-74 Kohtarou Kohimoto, JP
DEVELOP OF LED FULL SPECTRUM LAMP

PO1-75 Agnieszka Wolksa, PL
MELANOPIC LUX AND BLUE LIGHT UNDER DIFFERENT LIGHTING SCENARIOS

PO1-76 Jaroslav Štěpánek, CZ
PHOTOBIOLOGICAL SAFETY OF LCD SCREEN

PO1-77 Fabio Bisegna, IT
EFFECTS OF LED LIGHTING ON MENTAL PERFORMANCES

PO1-78 Katja Malovrh Rebec, SI
LIGHT REFLECTED FROM WALLS INFLUENCES PHOTOBIOLOGICAL EFFECTS

PO1-79 Takeshi Morita, JP
THE EFFECT OF LIGHT WHICH STIMULATE MELANOPSIN-EXPRESSING RETINAL GANGLION CELL INDEPENDENT OF CONE AND ROD ON MELATONIN SUPPRESSION DURING NIGHTTIME

PO1-80 Chen-Yue Chen, TW
IMPROVEMENT OF SLEEP QUALITY BY USING AN INTELLIGENT LIGHT

PO1-81 Rui Dang, CN
THE IMPACT OF NATURAL LIGHT ON THE TRADITIONAL ARCHITECTURAL COLOR PAINTINGS’ COLOR DECAY OF CHINESE CLASSICAL GARDEN

PO1-82 Yasuki Yamauchi, JP
EVALUATION OF COLOUR DEGRADATION UNDER HIGH COLOUR RENDERING INDEX 55S
PO2-01 Xiong Zhang, CN
HIGH PERFORMANCE GAN-BASED LEDs ON PATTERNEO SAPPHIRE SUBSTRATE WITH A NOVEL HYBRID PATTERNEO SI/AL2O3 PASSIVATION LAYER AND TI2O2/AL2O3 DBR BACKSIDE REFLECTOR

PO2-02 Tsung-Hsun Yang, TW
COMMON AGING BEHAVIOURS OF LIGHT-EMITTING DIODES

PO2-03 Oswaldo Sanchez Jr., BR
COMPARSED ANALYSIS OF NEAR-FIELD AND FAR-FIELD PHOTOOMETRY ON A LED PROJECTOR

PO2-04 José Luis Velazaquez Molinero, ES
MODEL FOR ILLUMINANCE PRODUCED BY LEDS AS A FUNCTION OF DISTANCE

PO2-05 Carsten Dam-Hansen, DK
ANALYSIS OF COMPACT AND PORTABLE GONIOSPECTROMETER SYSTEM FOR TEST OF LED LAMPS

PO2-06 Yasuki Yamauchi, JP
INFLUENCE OF THE POSTURE OF OLED PANELS ON THE FLUX MAINTENANCE EXPERIMENTS

PO2-07 Yasuki Yamauchi, JP
PRELIMINARY STUDY ON THE SOURCE-SIZE EFFECT IN THE INTEGRATING SPHERE-BASED TOTAL LUMINOUS FLUX MEASUREMENT OF OLED PANELS

PO2-08 Florin Domnita, RO
HEAT LOSSES OF LED LAMPS - SIMPLIFIED MEASUREMENT AND CALCULATION METHODOLOGY

PO2-09 Grega Bizjak, SI
OPTIMIZATION OF SPECTRUM OF TUNABLE LED COLOUR LIGHT SOURCE

PO2-10 Kenichi Kinoshita, JP
DEVELOPMENT OF STANDARD LED FOR UV-LEDS AND ESTABLISHMENT OF CALIBRATION SERVICE FOR TOTAL RADIANT FLUX OF UV-LED AT NMJ

PO2-11 Rebecca Hooke, GB
APSUS – A CCD ARRAY SPECTRORADIOMETER FOR SOLAR UV MEASUREMENT

PO2-12 George Eppeldauer, US
CALIBRATION PROCEDURE FOR UV-365 INTEGRATED IRRADIANCE MEASUREMENTS

PO2-13 Luciana Alves, BR
CONSTRUCTION OF UVA RADIOMETER FOR IRRADIANCE MEASUREMENTS

PO2-14 Shu Takeshita, JP
EVALUATION OF THE CALIBRATION VALUE OF THE LUMINANCE INTENSITY STANDARD LAMP KEPT IN THE DARK PLACE OVER 26 YEARS

PO2-15 Zhao Weiqiang, CN
THE NONLINEARITY TESTER FOR OPTICAL DETECTOR BASED ON MONOCHROME LED

PO2-16 Zhifeng Wu, CN
INVESTIGATION OF THE FIBER SPECTRORADIOMETER

PO2-17 Jan Škoda, CZ
MEASUREMENT OF DISCOMFORT GLARE THROUGH THE LUMINANCE ANALYZER

PO2-18 Maira Vieira Dias, BR
LIGHT AT EYE LEVEL OF INDUSTRIAL EMPLOYEES. NEW ADVANCES IN SENSOR DEVELOPMENT

PO2-19 Dmitri Scums, BY
NEW TYPE OF LIGHT SOURCE FOR LUXMETERS CALIBRATION

PO2-20 Pierre Bouleguez, FR
IMAGING RADIOMETRY - A FAST AND ROBUST SHUTTER SPEED SEARCH ALGORITHM

PO2-21 Siaheyr Nikanenka, BY
INFLUENCE OF SPATIAL CHARACTERISTICS OF SOLID STATE LIGHT SOURCES ON RESULTS OF MEASUREMENTS OF THEIR PHOTOMETRIC AND RADIOMETRIC PROPERTIES

PO2-22 Siaheyr Nikanenka, BY
A PRACTICAL METHOD FOR DETERMINATION OF AVERAGED SPECTRAL RADIANCE OF UV LED

PO2-23 Ronan Le Breton, FR
OUT OF PLANE BRDF MEASUREMENT AT LNE-CNAM, USING "CONDOR", OUR PRIMARY GONIOSPECTROPHOTOMETER

PO2-24 Irma Kruger, ZA
MEASURING THE SPECTRAL IRRADIANCE OF A HIGH-POWERED FOCUSED LIGHT SOURCE

PO2-25 Cai-Hong Dai, CN
SPECTRAL RADIANCE REALIZATION AND CHARACTERIZATION BASED ON HIGH TEMPERATURE BLACKBODY

PO2-26 Jiangen Pan, CN
A NOVEL STRAY LIGHT INDEX FOR SPECTRORADIOMETERS

PO2-27 Kenji Godo, JP
CORRELATION ANALYSIS OF WAVELENGTH UNCERTAINTY FOR CHROMATICITY MEASUREMENT

PO2-28 Roman Dubnicka, SK
DISTORTION ELECTRICAL POWER IN THE MEASUREMENT OF ELECTRICAL PARAMETERS OF LUMINAIRES

PO2-29 Roman Dubnicka, SK
SPECTRORADIOMETRIC MEASUREMENTS IN MESOPIC CONDITIONS

PO2-30 Roman Dubnicka, SK
IMPACT OF THE QUALITY ELECTRIC POWER ON SPECTRAL POWER DISTRIBUTION OF LIGHT SOURCES

PO2-31 Lihao Xu, CN
AN LED BASED SPECTRUM DESIGN FOR SURGICAL LIGHTING

PO2-32 Mathias Niedling, DE
AVERAGE OR MAXIMUM LUMINANCE – WHAT IS THE RIGHT DIMENSION FOR DISCOMFORT GLARE EVALUATION UNDER STREET LIGHTING CONDITIONS?

PO2-33 Alberto Urrutia-Moldes, GB
USING LIGHTING TO ENHANCE POSITIVE BEHAVIOR IN PRISONS

PO2-34 Ute Besenocker, US
PROGRESS IN MODELLING SCENE BRIGHTNESS

PO2-35 Yoshiki Nakamura, JP
BRIGHTNESS-MATCHING EXPERIMENT TO IMPROVE LUMINANCE-BRIGHTNESS IMAGE CONVERSION SYSTEM

PO2-36 Ketsuke Aya, JP
THE RELATIONSHIP BETWEEN THE BRIGHTNESS OF OVERALL SPACE AND THE BRIGHTNESS IN THE SPECIFIC VISUAL FIELD IN THE NON-UNIFORM ILLUMINATED SPACE

PO2-37 Carsten Funke, DE
EXTENSION OF THE UNIFIED GLARE RATING FORMULA FOR NON-UNIFORM LED LUMINAIRES

PO2-38 Carsten Funke, DE
RENEWAL OF THE CONTRAST RENDERING FACTOR PROCEDURE TO DESCRIBE REFLECTED GLARE IN INDOOR APPLICATIONS

PO2-39 Hoda Jafarian, CA
ASSESSING THE IMPACT OF WOOD-INNER COATING ON ENERGY CONSUMPTION AND VISUAL COMFORT IN ARCHITECTURAL SPACES

PO2-40 Peng Xue, CN
A FRAMEWORK FOR ASSESSING THE LUMINOUS COMFORT IN HONG KONG RESIDENTIAL BUILDINGS

PO2-41 Hao Luxi, CN
AN EXPLORATORY STUDY: THE EFFECTS OF LIGHTING ON MOOD IN A CARDIAC INTENSIVE CARE UNIT

PO2-42 Jumpei Mitsuhashi, JP
A BASIC STUDY ON LUMINANCE-BASED STANDARDS FOR MUSEUM LIGHTING
PO3 (Thursday, 11:10-12:40)

PO3-01 Alejandro Ferrero, ES
MEASURING SPARKLE OF EFFECT COATINGS

PO3-02 Tony Bergen, AU
HIGH ACCURACY CALIBRATION AND USE OF POWER ANALYSERS FOR MEASUREMENT OF SOLID STATE LIGHTING DEVICES

PO3-03 Udo Krüger, DE
MEASUREMENT UNCERTAINTY OF PHOTOMETRIC MEASUREMENTS CONSIDERING THE REQUIREMENTS OF THE NEW DRAFT INTERNATIONAL STANDARD CIE DIS 025/E:2014

PO3-04 Kathryn Nield, NZ
ROOM TEMPERATURE POED: DYNAMIC RANGE, TEMPERATURE SENSITIVITY AND LINEARITY OF RESPONSE

PO3-05 Jianping Wang, CN
AN IMPROVED GONIOPHOTOMETER USING CURVED MIRROR

PO3-06 Thorsten Gerloff, DE
TRACEABLE GONIOPHOTOMETRY ON HIGH-POWER-LEDs AT PTB

PO3-07 Denan Konjhodzic, DE
INFLUENCE OF BURNING POSITION ON GONIOSPECTROPHOTOMETRIC MEASUREMENTS

PO3-08 Roman Dubnicka, SK
METHODS FOR CORRECTION OF THE ILCMEASUREMENTS BY MEANS OF GONIOPHOTOMETERS WITH ROTATING LUMINAIRES FOR DIFFERENT LAMPS

PO3-09 Roman Dubnicka, SK
A SIMPLE MODEL OF SPECTRAL DISTRIBUTION OF DAYLIGHT IN INTERIOR OF THE BUILDING

PO3-10 Peter Blattner, CH
POLARIZATION EFFECTS IN MIRROR TYPE GONIOPHOTOMETERS

PO3-11 Lenka Prokopova, CZ
MEASUREMENT AND CALCULATION METHOD FOR TRANSMISSION OF LIGHT THROUGH TUBULAR LIGHT GUIDE

PO3-12 Sven Bogdanov, DE
A WIDESPREAD MISAPPREHENSION: TEMPERATURE DEPENDENCE OF BLACK BODY'S LUMINANCE

PO3-13 Qiao Bo, CN
MEASUREMENT UNCERTAINTY FOR PHOTOBIOLOGICAL SAFETY ASSESSMENT

PO3-14 Aaron Yan, HK
EVALUATION OF MEASUREMENT UNCERTAINTY FOR PHOTOMETRIC, PHOTONIC, RADIOMETRIC MEASUREMENTS IN ACCORDANCE WITH THE JCGM 100:2008 AND JCGM 101 AT THE STANDARDS AND CALIBRATION LABORATORY OF HONG KONG

PO3-15 Liu Hui, CN
THE REALIZATION OF PHOTOSYNTHESIS QUANTUM SCALE AT NIM

PO3-16 Lei Wang, CN
ASSESSMENT OF APPLICATION OF HIGH-POWER LED IN EXHIBITION HALL

PO3-17 Taka-Aki Suzuki, JP
SELF-CONTAINED LIGHTING SYSTEM USING LED LIGHTING WITH DIMMING CONTROL, DIFFUSION SKYLIGHTS, AND ENERGY STORAGE OF SOLAR POWER

PO3-18 Yukiko Yoshida, JP
STUDY ON CHANGES IN LED LIGHTING LUMINANCE AND COLOUR TEMPERATURE IN AN OFFICE TEST SITE

PO3-19 Yungkyung Park, KR
DAYLIGHT MEMORY COLOUR FOR LIGHTINGS

PO3-20 Steve Fotios, GB
THE BERMAN BRIGHTNESS EXPERIMENT REPEATED: A DISCUSSION OF METHODOLOGY AND METRICS FOR SPATIAL BRIGHTNESS

PO3-21 Steve Fotios, GB
USING LIGHTING TO IMPROVE CONCENTRATION IN THE CLASSROOM

PO3-22 Naoyuki Suzuki, JP
STUDY ON THE EFFECT OF WALL WASHER LUMINAIRES MOUNTED ON REAR CEILING IN CLASSROOM ON ENERGY SAVINGS

PO3-23 Asta Logadottir, DK
A CASE STUDY ON OCCUPANT CONTROLLED LIGHTING IN OFFICES

PO3-24 Tse Ming Chung, HK
A NEW METHOD FOR ESTIMATING SAVEABLE LIGHTING ENERGY IN VISUALLY ACCEPTABLE DAYLIGHT CELLULAR OFFICES IN HONG KONG

PO3-25 Tse Ming Chung, HK
UNIFYING ROOM LAYOUTS FOR UTILIZATION FACTOR AND UNIFIED GLARE RATING TABLES FOR INDOOR LUMINAIRES

PO3-26 Di Lou, CN
EVALUATION OF GLARE FROM NON-UNIFORM INDOOR LUMINAIRES

PO3-27 Geritjan Schier, BE
EFFECT OF LUMINANCE CONTRAST ON THE PERCEPTION OF BRIGHTNESS AND DISCOMFORT GLARE

PO3-28 Sheng Peng, CN
OBJECTIVE EVIDENCE OF VISUAL COMFORT LIGHTING FOR COMPUTER USE AT HOME

PO3-29 Miki Kozaki, JP
BASIC RESEARCH ON THE RELATIONSHIP BETWEEN ILLUMINANCE VALUE AND SPATIAL DISTRIBUTION OF LUMINANCE - EXPLORATORY DATA ANALYSIS USING LIGHTING SIMULATION

PO3-30 Yi Lin, CN
A FIELD SURVEY STUDY OF OFFICE LIGHTING IN A HIGH-DENSITY URBAN AREA

PO3-31 Dionyz Gasparovsky, SK
LUMINANCE DISTRIBUTION AND ILLUMINANCE OF SURFACES AT OFFICE BUILDINGS WITH RESPECT TO THE REQUIREMENTS TO ILLUMINATION OF INTERIOR WORKPLACES

PO3-32 Dionyz Gasparovsky, SK
FOCUSED ON HOME LIGHTING: WHAT TO STANDARDISE AND WHAT TO GUIDE?

PO3-33 Lu Shiwei, CN
A STUDY OF THE IMPACT OF HAZE ON BUILDING INDOOR LIGHTING ENVIRONMENT

PO3-34 Yee Loon Sum, SG
HIGH PERFORMANCE ILLUMINANCE MONITORING FOR BUILT ENVIRONMENT

PO3-35 Eino Tetri, FI
LIGHTING RETROFITTING: IMPROVING ENERGY EFFICIENCY AND LIGHTING QUALITY

PO3-36 Krysztof Wandachowicz, PL
REFLECTOR GEOMETRY OPTIMIZATION USING GENERIC ALGORITHM

PO3-37 Yi Xu, CN
THE RESEARCH OF TRIADIC RELATION AMONG BUILDING SPACES LIGHTING COMFORT LEVEL AND LIGHTING ENERGY CONSUMPTION IN CIVIL BUILDINGS

PO3-38 Ryo Fushie, JP
EVALUATION OF LIGHTING ENERGY CONSUMPTION AND LIGHTING ENVIRONMENT BY USING DAYLIGHT IN JAPANESE OFFICE BUILDINGS

PO3-39 John Mardaljevic, GB
THE 'NORDSTROM TOWER': A LANDMARK DAYLIGHT INJURY STUDY

PO3-40 Szu-Cheng Chien, SG
THE EFFECTS OF LIGHT SHELF ON DYNAMIC DAYLIGHT PERFORMANCE IN TROPICAL BUILDINGS- A CASE STUDY

PO3-41 Mika Kato, JP
RESEARCH ON ACCEPTABLE LUMINANCE CONTRAST BETWEEN THE WINDOW USING BLIND AND THE SURROUNDING WALL
PO3-42 Daisuke Ito, JP
PO3-43 Yu Bian, CN
PO3-44 Michael Donn, NZ
PO3-45 Kasim Celik, TR
PO3-46 Nuria Castilla, ES
PO3-47 Hillevi Hemphälä, SE
PO3-48 Carolin Liedtke, DE
PO3-49 Jakob Markvart, DK
PO3-50 Thorbjörn Laike, SE
PO3-51 Meeryoung Cho, KR
PO3-52 Yi-Chun Chen, TW
PO3-53 Cheng Chung-Chih, TW
PO3-54 Marek Mácha, SK
PO3-55 B.H. Soong, SG
PO3-56 Rui Dang, CN
PO3-57 Masayuki Osumi, JP
PO3-58 Minao Yamamoto, JP
PO3-59 Chan-Su Lee, KR
PO3-60 Per-Henrik Branzell, SE
PO3-61 R. A. Ruberg, DK
PO3-62 Shuxiao Wang, CN
PO3-63 Shuxiao Wang, CN
PO3-64 Nianyu Zou, CN
PO3-65 Nianyu Zou, CN
PO3-66 Piotr Pracki, PL
PO3-67 Piotr Pracki, PL
PO3-68 John Bullough, US
PO3-69 John Bullough, US
PO3-70 Min-Wook Lee, KR
PO3-71 Raoul Lorphèvre, BE
PO3-72 Haiping Shen, CN
PO3-73 Hayato Ito, JP
PO3-74 Allan Ruberg, DK
PO3-75 Céline Villa, FR
PO3-76 Travis Terry, US
PO3-77 Cyril Chain, FR
PO3-78 Alexey Korobko, RU
PO3-79 Shau-Wei Hsu, TW
PO3-80 Peter Schwarz, HU
PO3-81 Mojtaba Navvab, US
PO3-82 Kenji Ueda, JP

OUTDOOR MEASUREMENT ON LUMINOUS EFFICACY OF WINDOW WITH SHADING
PARAMETERS OPTIMIZATION OF BUILDING DAYLIGHT FACILITY UNDER REPRESENTATIVE SKY
TEACHING LARGE CLASSES CLIMATE BASED DAYLIGHT SIMULATION
EXAMINATION OF CLASSROOMS IN A PRIMARY SCHOOL IN TERMS OF VISUAL COMFORT AND ENERGY CONSUMPTION
KANSEI ENGINEERING METHODOLOGY FOR THE EMOTIONAL EVALUATION OF LIGHTING IN CLASSROOMS
A METHOD FOR ASSESSING RISKS WITHIN VISUAL ERGONOMICS
THE CONSTRUCTION PROCESS IN THE SPATIAL LIGHT PERCEPTION
ELECTRICAL LIGHTING FOR IMPROVED WELLBEING OF ELDERLY CITIZENS
THE IMPACT OF A NEW ENERGY EFFICIENT LIGHTING SYSTEM ON THE WELL-BEING ON ELDERLY LIVING IN A RETIREMENT HOME
USER CENTERED EMOTIONAL CHARACTERISTICS EVALUATION OF LED SYSTEM LIGHTING IN THE OFFICE ROOM
ASSESSMENTS OF DYNAMIC LIGHTING IN THE OFFICE ENVIRONMENT
POST-OCCUPANCY EVALUATION OF LUMINOUS ENVIRONMENT CONSIDERING DIFFERENT BUILDING TYPOLOGIES-A PILOT OFFICE BUILDING STUDY
ELUCIDATING LUMINOUS CONDITIONS ON AN ACCEPTABLE AMBIENT LIGHTING SETTING AND SUPPLEMENTARY OF TASK LIGHTING IN AN OPEN-PLAN OFFICE
Illumination systems in automotive industry
PILOT STUDY OF LVDC-BASED LED LIGHTING SYSTEM IN RESIDENTIAL BUILDINGS IN SINGAPORE
THE RESEARCH ON WLED INFLUENCING COLOR OF CHINESE TRADITIONAL CALLIGRAPHY AND PAINTING IN MUSEUM LIGHTING
THE HUMAN SKIN EVALUATION AND VISUAL ASSECEMENT WAY APPLIED SPECTRAL IMAGING AND LAPLACIAN FILTER PROCESSING
AUTOMATIC LIGHT CONTROL SYSTEM TO KEEP ROOM APPEARANCE APPROPRIATE WITH ACTIVE INTRODUCTION OF NATURAL LIGHT
OPTIMIZATION FOR SPECTRALLY TUNABLE LIGHTING CONTROL
HUMAN RELATED URBAN-LIGHTING BY ADVANCED CONTROL SYSTEM
ISSUES ON THE STANDARDIZATION OF SMART LIGHTING
THOUGHT ON THE IMPLEMENTATION OF LED ROADWAY LIGHTING FROM THE EXPERIENCE OF CHINA
LIGHTING ENVIRONMENTS EVOLUTION IN LIVING ROOMS IN CHINA
AN INVESTIGATION REPORT ON OUTDOOR LIGHTING REQUIREMENTS WITH PEDESTRIAN SAFETY SENSE-THE CASE IN DALIAN AREA OF CHINA
MODELLING AND MEASUREMENT OF LED LIGHTING AND DAYLIGHTING IN INTERIORS
THE USE OF DIFFERENT METRICS FOR THE EVALUATION OF ROAD LIGHTING ENERGY EFFICIENCY
SUBJECTIVE RESPONSES TO VISUAL ALARMS FOR EMERGENCY NOTIFICATION VIEWED INDIRECTLY
WARNING BEACON CHARACTERISTICS FOR VISIBILITY, GLARE PREVENTION AND CLOSURE DETECTION
CORRELATION OF ADATATION LUMINANCE AND ILLUMINANCE ACCORDING TO CHANGES TUNNEL OUTSIDE SITUATION
TUNNEL LIGHTING EVOLUTION: LED TECHNOLOGY AND LIGHTING MANAGEMENT
FIELD STUDY ON FLICKER EFFECT IN TUNNEL LIGHTING USING LINEAR LIGHT EMITTING DIODE LUMINAIRES
TUNNEL LIGHTING DESIGN FOR ENERGY SAVING BY THE METHOD OF HIGH UNIFORMITY OF ROAD SURFACE LUMINANCE
RESEARCH PROJECT SHEDS LIGHT ON THE PERFORMANCE OF THE LED TECHNOLOGY IN RELATION TO ROAD LIGHTING
SMART INTENSITY MANAGEMENT OF LED ROAD STUDS
THE INTERACTION OF OVERHEAD LIGHTING AND VEHICLE HEADLAMPS
LUMIROUTE : OPTIMISATION OF ROAD SURFACES REFLECTION PROPERTIES AND LIGHTING
IMPROVEMENT OF MOBILE METHOD FOR ILLUMINANCE MEASUREMENT OF A ROAD
PERFORMANCE OF LED ROAD LIGHTINGS STUDIED BY DETAILED IN-FIELD MEASUREMENTS WITH VARIOUS DEVICES
EFFECT OF CAR DESIGN ON THRESHOLD INCREMENT CALCULATION IN ROAD LIGHTING APPLICATIONS
ESTIMATION OF THE ADAPTATION LUMINANCE UNDER ROADWAY LIGHTING CONDITIONS
TESTS ON ACTUAL EXPRESSWAY FOR APPLICATION OF PURKINJE PHENOMENON IN ROAD LIGHTING