



## WORKSHOP ON LIGHTING DESIGN USING DIALUX

By  
**VICENTE STEVE L. ARIES**

6<sup>th</sup> – 10<sup>th</sup> April 2015  
Civil Computer Lab 1, (Room 5-8-03),  
Monash University

Approved  
BEM 15  
CPD Hours

Time : 8:30 am - 5:30 pm  
Fee : RM 500 – MyCIE Member  
RM 750 – Non-MyCIE Member

Organised by:



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### REGISTRATION FORM

Workshop on Lighting Design using DIALux  
(6<sup>th</sup> – 10<sup>th</sup> April 2015)

Name: .....

Designation : .....

Organisation : .....

Address: .....  
.....

Tel No : ..... Fax No: .....

H/P No : ..... Email : .....

Date : ..... Signature: .....

Fee (RM) : .....

All cheques shall be crossed and made payable to:  
*“The Electrical and Electronics Association of Malaysia”*

*Email or fax the registration form to:*

**National Committee of CIE (NCCIE) Malaysia**  
c/o The Electrical and Electronics Association of Malaysia  
No. 5-B, Jalan Gelugor, Off Jalan Kenanga,  
55200 Kuala Lumpur  
Tel: 03-9221 4417 Fax: 03-9221 8212  
Email : [secretariat@mycie.org.my](mailto:secretariat@mycie.org.my)

### **COURSE OBJECTIVE:**

To introduce and educate participants to software based lighting design with the aid of Dialux 4.12 and Dialux Evo software. Participants will be educated on some basic concepts of lighting design followed by a workshop on using Dialux 4.12 and Dialux Evo effectively to achieve these lighting design concepts. This course intends to provide the participants with the tools for a professional and effective lighting design. The creative design itself, is up to the talent of the individuals and is not covered within this course.

### **Who Should Attend:**

- Manufacturers
- Consultants/Architects/Contractors
- Local authorizes
- Relevant ministry and government agencies
- Academia & Research Institutions
- Testing Laboratories
- Certification bodies

### **COURSE PRE-REQUISITES:**

1. Participants are expected to have some basic knowledge of lighting technology and terminology
2. Participants to bring their own laptops for workshop sessions. Ensure the laptops are fully capable of installing and running the softwares
3. Install and run Dialux 4.12 and Dialux Evo softwares

### **SPEAKER:**



### **VICENTE STEVE L. ARIES**

Steve, a Licensed Electrical Engineer with Integrated Institute of Electrical Engineers, The Phillipines, has more than 20 years experience in lighting design throughout the region. He is currently the Head of the Lighting Design department at Ligman Lighting Corporation in Bangkok and leads a team of 8 full time lighting designers to provide lighting design and design support to more than 60 countries worldwide.

Prior to his engagement with Ligman, Steve has worked with various top organisations such as Bo Steiber Lighting Design and and MKP Co. Ltd. Some of the project he has worked on includes the 1998 Asian Games sports complex, Renaissance Hotel & Service Apartment (Bangkok), Crowne Plaza Hanoi (Vietnam), Banyan Tree Resort (Vietnam), Bel Ombre Resort (Seychelles), Mell Villa Boutique Hotel (Mauritius), Signature Tower (Dubai), Ambi Mall (India), Dubai Metro (Dubai), and the MRT Stations (Singapore).

He is an expert in various softwares including AGI32, Dialux 4.0, Relux Pro.- Illumiantion Design and Simulation Software, Photopia – Luminaire Design Software, Photopshop CS, 3D Max Adobe Pagemaker among others. He has also thought AGI32 to students at the University of King Mongkut's Department of Architecture. Steve was also one of the four winners of AGI32 lighting design Ray Trace Contest held in 2005.

**Seats are limited,  
first come first served.**

## TENTATIVE PROGRAMME:

| DAY 1 : INTRODUCTION<br>6/4/2015   | DAY 2 : OUTDOOR LIGHTING DESIGN (SESSION 1)<br>7/4/2015   | DAY 3 : OUTDOOR LIGHTING DESIGN (SESSION 2 )<br>8/4/2015   |
|--|---|--|
| <p>08:30 am <b>REGISTRATION</b></p> <p>09:00 am -Introduction to basic lighting terminology<br/>-Introduction to basic product types and terminology<br/>-Basic lighting design concepts</p> <p>10:30 am <b>COFFEE BREAK</b></p> <p>10:45 am -Introduction to Dialux<br/>-DIALux interface – what can I find and where?<br/>-Importing CAD-plans (.dwg or dxf file)<br/>-Importing 3D files<br/>-Creating an indoor or outdoor scene</p> <p>01:00 pm <b>LUNCH BREAK</b></p> <p>02:00 pm -Positioning furniture and objects<br/>-Colouring and texturing surfaces<br/>-How to use DIALux luminaire plugIns<br/>-Importing any manufacturer's luminaires<br/>-Positioning and configuring luminaire<br/>-Configuring basic settings</p> <p>03:30 pm <b>COFFEE BREAK</b></p> <p>03:45 pm Creating furniture and objects<br/>Importing and exporting the objects created<br/>Importing textures<br/>Light colour and surface colour<br/>Creating different light scenes</p> <p>05:30 pm <b>END</b></p> | <p>09:00 am -Fundamentals of Facade lighting design</p> <p>10:30 am <b>COFFEE BREAK</b></p> <p>10:45 am -Facade lighting design (Workshop)</p> <p>01:00 pm <b>LUNCH BREAK</b></p> <p>02:00 pm -Fundamentals of Landscape lighting design</p> <p>03:30 pm <b>COFFEE BREAK</b></p> <p>03:45 pm -Landscape Lighting design (Workshop)</p> <p>05:30 pm <b>END</b></p>   | <p>09:00 am -Fundamentals of Street lighting</p> <p>10:30 am <b>COFFEE BREAK</b></p> <p>10:45 am -Street lighting design (Workshop)</p> <p>01:00 pm <b>LUNCH BREAK</b></p> <p>02:00 pm -Outdoor sports courts and area lighting fundamentals<br/>-Outdoor area lighting design (workshop)</p> <p>03:30 pm <b>COFFEE BREAK</b></p> <p>03:45 pm -Preparation of Dialux reports<br/>-Energy evaluation using Dialux<br/>-Exporting CAD-plans (.dwg or .dxf file)</p> <p>05:30 pm <b>END</b></p> |
| DAY 4 : INDOOR LIGHTING DESIGN (SESSION 1)<br>9/4/2015   | DAY 5 : INDOOR LIGHTING DESIGN (SESSION 2)<br>10/4/2015   |  |
| <p>09:00 am -Indoor lighting design basics<br/>-Relevant standards / references</p> <p>10:30 am <b>COFFEE BREAK</b></p> <p>10:45 am -Office lighting design basic<br/>-Office lighting design (workshop)</p> <p>01:00 pm <b>LUNCH BREAK</b></p> <p>02:00 pm -Indoor architectural lighting design (hospitality)</p> <p>03:30 pm <b>COFFEE BREAK</b></p> <p>03:45 pm -Indoor architectural lighting design (workshop)</p> <p>05:30 pm <b>END</b></p>  | <p>09:00 am -Indoor residential lighting design basic</p> <p>10:30 am <b>COFFEE BREAK</b></p> <p>10:45 am -Indoor residential lighting design (workshop)</p> <p>01:00 pm <b>LUNCH BREAK</b></p> <p>02:00 pm -Retail lighting design basic<br/>-Retail lighting design (workshop)</p> <p>03:30 pm <b>COFFEE BREAK</b></p> <p>03:45 pm -Preparation of Dialux reports<br/>-Energy evaluation using Dialux<br/>-Exporting CAD-plans (.dwg or .dxf file)</p> <p>05:30 pm <b>END</b></p> |  |