

**“The Latest Standards and Requirements for the Global LED Industry”**  
**「全球 LED 照明產業的最新標準及要求」**

Experts from around the world sharing their knowledge on different aspects of standards and requirements for LED lighting products.

全球的知名專家就 LED 照明產業不同範疇的最新標準及要求作深入探討。

- Date 日期 : 28 / 10 / 2017 (Saturday 星期六)
- Time 時間 : 11:30am – 1:30pm  
上午 11 時 30 分至下午 1 時 30 分
- Venue 地點 : HKTDC SME Training Rooms B & C, Expo Galleria, HKCEC  
香港會議展覽中心 博覽商場 香港貿發局中小企培訓室 B 及 C
- Language 語言 : English (Simultaneous interpretation service in Putonghua will be provided)  
英語 (附設普通話即時傳譯服務)
- Remark 備註 : Free Admission 免費入座

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Time 時間	Programme 程序
11:15am – 11:30am	Registration 登記
11:30am – 12nn	<p><b><u>Overview of the Lighting Market Trends and Business Projection in the next 5-10 years - Introduction on updated UL standards</u></b> <b>宏觀未來 5 – 10 年照明產業的新趨勢 – UL 照明最新標準概覽</b></p> <p>Speaker 講者: Mr Roberto Inclinati, Global Commercial Leader - Lighting Industry, UL Mr Michael Ritto, P.E., Business Development Manager, North American Lighting, UL</p> <p>Question and Answer Session 問答環節</p> 
12nn – 12:30pm	<p><b><u>Overcome the homologation deviation between the traditional and smart lightings</u></b> <b>傳統燈具與智慧燈具的認證差異</b></p> <p>Speaker 講者: Ms Chen, Ching-Yuan, Senior Marketing Specialist of ESS, DEKRA East Asia</p> <p>Question and Answer Session 問答環節</p> 
12:30pm – 1pm	<p><b><u>Global Energy Efficiency Updates for Lighting Products and Safety Updates on Smart Lighting systems</u></b> <b>全球照明產品的能源效率更新及智能照明系統的安全標準</b></p> <p>Speaker 講者: Mr Carl Bloomfield, Global Business Line Director - Information Technology and Lighting, Intertek</p> <p>Question and Answer Session 問答環節</p> 
1pm – 1:30pm	<p><b><u>Zhaga interfaces to your lighting future</u></b> <b>Zhaga 接口引領照明未來</b></p> <p>Speaker 講者: Mr Theodorus Denteneer, Secretary General, Zhaga Consortium</p> <p>Question and Answer Session 問答環節</p> 

**Remarks 備註:**

- Free Admission. Seats are granted on a first-come-first-served basis. 免費入場。座位有限，先到先得。
- Trade only and persons under 18 will not be admitted. 只接待 18 歲或以上業內人士進場。
- The Organiser reserves the right to make any changes without prior notice. 主辦機構保留任何更改之權利而不作另行通告。

### About the Speakers 講者簡介

#### Mr Roberto Inclinati, Global Commercial Leader - Lighting Industry, UL

Roberto has been with UL for 13 years in Sales, Retailers, Customer Advocacy and as Business Development Roles.

Before UL, Roberto worked 6 years in the Telecommunication field at Vodafone. The first 3 years in the operation department with the responsibility of the plant in Pavia with the software maintenance to program and maintains the mobile Nokia Switching Centers.

The last 3 years in the planning department for the implementation of the new 3G telecommunication antennas and relive network like BTS, radio link, repeaters and UMTS. The main responsibilities were to coordinate networking meeting between departments and planning, synchronization and calculate the final balance of activities for activation of network elements (complying with target).



#### Mr Michael Ritto, P.E., Business Development Manager, North American Lighting, UL

Michael Ritto is the Business Development Manager for UL's North American Lighting business. Michael has been with UL for 13 years, spending his whole career in the lighting industry. He was an engineer for UL for 8 years specializing in project handling and reviewing for LED Drivers, LED Modules, Luminaires and Emergency Lighting. For that last 5 years Michael has been focused on global strategy and new service development as a Business Development Manager. Michael has a Bachelor's of Science in Electrical Engineering Technologies, a Master's of Science in Electrical Engineering and is a New York State Licensed Professional Engineer.



#### Presentation Abstract

With the development of LED application, lighting industry has suffered and benefited from the revolution in the past 10 years. A lot of new products with LED and many LED replacement for substitution of conventional lighting sources emerged. With the technology going more mature, where is the future of lighting industry world-wide? What will it look like in the next 5 to 10 years? What's the situation in world major markets? What opportunities the mfrs. have in the future? This presentation will highlight some of the new market trends we are seeing, and provide insight on the Standards we've developed to support these new trends, including UL 8800, the Outline for Horticultural Lighting Equipment, and UL 2900-1, Software Cybersecurity for Network-Connectable Products."

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**Mr Carl Bloomfield, Global Business Line Director – Information Technology and Lighting, Intertek**

Carl is the Global Business Line Director for Information Technology and Lighting based at Intertek Arlington Heights facility. In this role Carl is responsible for development and expansion of Intertek's services within these industries, also Intertek's global Energy Efficiency services across all business lines.

Carl has been with Intertek for over 21 years and holds an Electrical Engineering degree from the University of Florida. Carl has been involved in lighting product testing throughout his career and represented Intertek on various standards technical committees. Carl is aware of current and pending lighting global requirements and presently an active member of:

American Lighting Association (ALA)  
Illuminating Engineering Society (IES)  
International Commission on Illumination (CIE)  
Institute of Electrical and Electronics Engineers (IEEE)  
DesignLights Consortium (DLC)  
EPA ENERGY STAR® Program  
Zhaga Consortium  
ANSI C78, C82, C136, C137 Committees  
ASABE E311 Committee  
UL Standards Technical Panel (STP) for UL 8750 and UL 1598C  
CSA Integrated Committee on Lighting Products (ICLP)

**Presentation Abstract**

Consumers are more concerned of the carbon emission and environmental protection, energy efficiency of lighting products hence is becoming more important. That's why there are many regulation updates in the market recently, e.g. America's ENERGY STAR program Lamp V2.1, European draft ErP Directive and Saudi Arabia's SASO 2870/2015 standard of energy efficiency requirements. Our presentation will show you the energy efficiency updates for lighting products around the globe.

In addition, smart lighting is prevalent in the market, and smart lighting products have been unveiling from big brands. Apart from normal lighting regulations, you have to comply with safety regulations of smart lighting. Our presentation will give you an idea of the safety standard updates on smart lighting systems.

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**Ms Chen, Ching-Yuan, Senior Marketing Specialist of ESS, DEKRA East Asia**

Ms. Ching-Yuan Chen is the senior ESS marketing specialist of DEKRA Testing and Certification Co., LTD. Taiwan branch. She stepped into the international certification field since 2006 and helped the test labs to expand the knowledge database of the worldwide wireless homologation. She has joined DEKRA group since 2013 and kept supporting the customers with her rich experience to solve all the issues. Because of the trend of IoT network, Ms. Chen devotes herself to provide the worldwide homologation study and execution to enlarge the capability recently.

**Presentation Abstract**

Over the past few years, smart lighting has been developed from a hot topic to a trend. More and more vendors joint to enlarge the market and bring the whole new lighting experiences to the industry and the end users. However, most of them also face the different homologation challenges comparing with the traditional lighting requirements. The speaker, Ms. Chen, Ching-Yuan, would like to share her personal experiences about the methods solving those problems.

**Mr Theodorus Denteneer, Secretary General, Zhaga Consortium**

Dee Denteneer is Secretary General of the Zhaga Consortium. He has a PhD in mathematics, and a background in wireless connectivity, lighting, project and program management, and finance. Dee is also Director of Standards at Philips Lighting, Technical Working Group Chair of the Fairhair Alliance and non-executive member of the Board of the Philips Pension Fund. Previous positions are a.o. member of the executive team and treasurer of the ZigBee Alliance, Chair of 802.11s, and Principal Scientist at Philips Research.

**Presentation Abstract**

These are exciting times for the lighting industry, with great opportunities for growth, brought about by the Internet-of-Things and the service economy. Zhaga is a global industry consortium that addresses these opportunities by delivering interface specifications for truly interoperable components. Zhaga compliant components constitute the basis for future proof luminaires and are your entry ticket to IoT and service-based businesses.

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