

**Smart Light Transformation of ASEAN Cities**  
**東盟城市的智慧照明轉型**

Date 日期 : 30 / 10 / 2024 (Wednesday 星期三)  
Time 時間 : 10:30am – 12:30am 上午 10 時 30 分至下午 12 時 30 分  
Venue 地點 : the STAGE, Hall 10, AsiaWorld-Expo  
亞洲國際博覽館 10 號展館 the STAGE  
Language 語言 : English & Putonghua (Simultaneous interpretation service will be provided)  
英語及普通話 (設即時傳譯服務)  
Remark 備註 : Free Admission (Please click [HERE](#) to register online) 免費入場 (「[按此](#)」登記)

Time 時間	Programme 程序
10:15am – 10:30am	<b>Registration 登記</b>
10:30am – 10:40am	<b>Souvenir Presentation and Photo Session 致送紀念品及拍照</b>
10:40am – 10:50am	<p><b>Welcome Remarks</b></p> <p><b>Speaker 講者:</b>  <b>上海浦东智能照明联合会</b> Shanghai Pudong Intelligent Lighting Association</p> <p><b>Mr Zhi-jun LI</b> – Chairman, Shanghai Pudong Intelligent Lighting Association 上海浦東智能照明聯合會會長 李志君先生</p>
10:50am – 11:10am	<p><b>BrightSite Bring More Light for Smart Pole of Smart City</b> <b>BrightSite 點亮智慧城市的智慧燈杆</b> </p> <p><b>Speaker 講者:</b></p> <p><b>Dr Feng HUANG</b> – Chief expert of Standard and Regulation, Signify (China) Investment Co., Ltd. 昕諾飛 (中國) 投資有限公司 標準和法規首席專家 黃峰博士</p> <p><b>Question &amp; Answer Section 問答環節</b></p>
11:10am – 11:30am	<p><b>The Demand for Infrastructure Innovation in Smart Cities</b> <b>智慧城市中的基礎設施創新需求</b> </p> <p><b>Speaker 講者:</b></p> <p><b>Dr Yuxi Jiang</b> – Chief Engineer, Shanghai Sansi Electronic Engineering Co., Ltd. 上海三思電子工程有限公司 總工程師 姜玉稀博士</p> <p><b>Question &amp; Answer Section 問答環節</b></p>


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**Organiser 主辦機構:**



上海浦东智能照明联合会  
Shanghai Pudong Intelligent Lighting Association

<p>11:30am – 11:50am</p>	<p><b><u>The Development Trend of Outdoor Smart Lighting</u></b> <b><u>戶外智慧照明的發展趨勢</u></b></p> <p><b>Speaker 講者:</b></p> <p><b>Dr Hongwei Song</b> – Chairman, Fonda Technology Co., Ltd. 浙江方大智控科技有限公司 董事長 宋宏偉博士</p> <p><b>Question &amp; Answer Section 問答環節</b></p>	
<p>11:50am – 12:10pm</p>	<p><b><u>Innovative Application in Smart City Lighting</u></b> <b><u>智慧城市照明的創新應用</u></b></p> <p><b>Speaker 講者:</b></p> <p><b>Ms Diana Lu</b> – General Manager, Unilumin Lighting 洲明照明 總經理 陸燕女士</p> <p><b>Question &amp; Answer Section 問答環節</b></p>	
<p>12:10pm – 12:30pm</p>	<p><b><u>The AI Awakening of Smart Street Lighting</u></b> <b><u>AI 賦能智能路燈</u></b></p> <p><b>Speaker 講者:</b></p> <p><b>Ms Amber Wang</b> – Vice President, Guangdong Rongwen Technology Group 廣東榮文科技集團有限公司 副總經理 王安鉞女士</p> <p><b>Question &amp; Answer Section 問答環節</b></p>	

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### About the Speakers 講者簡介

**Dr HUANG Feng – Chief expert of Standard and Regulation, Signify (China) Investment Co., Ltd.**

昕諾飛 (中國) 投資有限公司 標準和法規首席專家 黃峰博士

Dr. HUANG Feng, Chief Expert of Signify (China) Standard and Regulation, Chair of DALI China Focus group, Chair of Zhaga Consortium China Task Force, General Secretary of Smart City Committee of SILA.

黃峰博士·昕諾飛(中國)標準和法規部首席專家·DALI 聯盟中國焦點組主席, Zhaga 聯盟中國組主席·SILA 智慧城市和雙碳委員會秘書長。



#### Presentation Abstract

Introduce Signify BrightSite, solution of smart pole, bring more innovation to smart pole.

#### 演講摘要

介紹昕諾飛創新性的智慧燈杆解決方案 BrightSite。

**Dr Yuxi Jiang – Chief Engineer, Shanghai Sansi Electronic Engineering Co., Ltd.**

上海三思電子工程有限公司 總工程師 姜玉稀博士

Jiang Yuxi, Chief Engineer, Ph.D., responsible for the development of key projects and intelligent control systems, analog integrated circuit design, and power management electronic systems under the 13th Five Year Plan of the National Key R&D Program. Participated in and led over 10 national, provincial, and municipal projects, published over 10 domestic and international papers, obtained 5 invention patents, 4 utility model patents, and 9 layout design protections. Received honors such as the first prize of Shanghai Science and Technology Progress Award and the Shanghai May Day Labor Medal.



薑玉稀·總工程師·博士·“十三五”國家重點研發計劃重點專項及智能控制系統、模擬集成電路設計、電源管理電子系統開發負責人。參與并主持國家、省、市級項目 10 餘項，發表國內外論文 10 餘篇，獲得發明專利 5 項，實用新型專利 4 項，布圖設計保護 9 項。獲得上海市科技進步一等獎、上海五一勞動獎狀等榮譽。

#### Presentation Abstract

The construction of smart cities should not be a pile of technology, but should be promoted towards healthy and sustainable development. This speech will focus on the development policies of smart cities and infrastructure, the overall

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#### Organiser 主辦機構:

direction of smart city construction, and how smart light poles in infrastructure can store power and develop towards a more intelligent, green, and interconnected direction. These three parts will be elaborated.

### 演講摘要

智慧城市的建設不應該是技術的堆砌，而應向著健康可持續發展的方向推進。本演講將圍繞智慧城市及基建發展政策、智慧城市總體建設方向、基礎設施中的智慧燈杆如何蓄力向更加智能綠色和互聯的方向發展。這三部分來進行闡述。

### Dr Hongwei Song – Chairman, Fonda Technology Co., Ltd.

浙江方大智控科技有限公司 董事長 宋宏偉博士

Fonda Tech, founded in 2011, is a leading R&D company specializing in IoT and cloud computing. Its AIoT platform focuses on smart lighting, intelligent street poles, and facade lighting. With a full integration of research, production, sales, and operations, Fonda Tech delivers smart lighting solutions globally. Its products are used in 350+ cities across 120+ countries, including major projects in Saudi Arabia, Nigeria, Indonesia, Spain, Australia, and more, making it one of the top five global brands in lighting control.

浙江方大智控科技有限公司成立於 2011 年，是一家物聯網和雲計算領域的創新研發型企業，公司以 AIoT 物聯網平臺為依托，聚焦于智慧照明、智慧燈杆和智慧亮化，為全球 120 多個國家、350 多個城市和地區提供運維服務，是國際照明智控品牌 TOP5。

### Presentation Abstract

Fonda actively expands into overseas markets, focusing on smart lighting, smart lamp, and tunnel lighting. Through the FondaCity AIoT platform and smart lighting solutions such as Cat.1, LoRaWAN, and solar energy, Fonda provides one-stop smart lighting solutions for global customers. In the context of the the Belt and Road Initiative, the company helps cities along the the Belt and Road to improve infrastructure and achieve sustainable development through leading innovative technologies.

### 演講摘要

Fonda 積極拓展海外市場，專注于智慧照明、智慧燈杆和隧道照明，通過 FondaCity AIoT 雲平臺及 Cat.1、LoRaWAN、太陽能等智慧照明解決方案，為全球客戶提供一站式智慧照明解決方案。在一帶一路倡議的背景下，公司通過領先的創新技術，助力一帶一路沿綫城市提升基礎設施，實現可持續發展。



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### Organiser 主辦機構:



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**Ms Diana Lu – General Manager, Unilumin Lighting**

洲明照明 總經理 陸燕女士

Currently as GM of Unilumin lighting, focusing on the leading innovation of low carbon, smart city and reliability in outdoor lighting field, mainly in road and tunnel lighting.

More than 20 years working experience in global companies of Signify and OSRAM, focusing on driving innovation, standard, business breakthrough, products portfolio and lighting application.

Global market view and pioneer concepts of connected, healthy and sustainable lighting. Devoted to bring innovation value of lighting forward and application to improve people's life.

目前擔任深圳洲明科技照明總經理，側重於在戶外照明領域取得領先地位，將低碳、智慧和可靠的戶外照明解決方案帶給客戶。

照明行業超過 20 年從業經驗，主要在飛利浦和歐司朗公司任職，注重於創新、標準、生意模式、產品綫管理和照明應用。具有國際市場視野，致力於發展智能互聯照明、健康照明和可持續發展照明，推動照明行業的價值創新和提高人們生活的照明品質。

**Presentation Abstract**

With the fast development of smart city lighting, new formats are shaped to create different application scenarios. For leading cities, we see more combined smart elements to demonstrate the leading images to drive the city management smartness, e.g. to combine with smart transportation, to combine with the low altitude economy etc. While in most popular area, simple smart poles are ready for future function expansion. Road poles are one of the key furniture elements to build up city culture and direction, how to combine new energy and the city together brings more innovation ideas.

**演講摘要**

隨著智慧城市照明的快速發展，新的形式正在形成，以創建不同的應用場景。對於領先的城市，我們看到更多的智能元素被結合在一起，以展示領先的形象，推動城市管理的智能化，例如與智能交通相結合，與低空經濟相結合等等。而在大多數熱門地區，簡單的智能燈杆已準備好進行未來的功能擴展。路燈杆是構建城市文化和方向的關鍵家具元素之一，如何將新能源與城市相結合帶來了更多的創新想法。


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**Organiser 主辦機構:**

**Ms Amber Wang – Vice President, Guangdong Rongwen Technology Group**

廣東榮文科技集團有限公司 副總經理 王安鉞女士

Experienced professional with 15+ years in the smart lighting industry. Deep understanding of IoT technologies and global market dynamics. Successfully collaborated with over 100 cities worldwide to develop innovative lighting solutions. Committed to creating sustainable and efficient urban environments.

擁有 15 年以上智能照明行業經驗的資深專業人士，深入瞭解物聯網技術和全球市場動態。與全球 100 多個城市成功合作，開發創新的照明解決方案，致力於打造可持續和高效的城市環境。

**Presentation Abstract**

This presentation explores the transformative role of artificial intelligence in smart street lighting systems. Highlighting global projects from cities like Singapore, we demonstrate how these implementations have achieved energy savings and reduced light pollution. Moreover, we will discuss the evolution of smart lighting technologies, moving from basic connectivity to advanced AI functionalities. Attendees will gain insights into the innovative solutions driving urban transformation and the potential for enhanced urban living through intelligent lighting systems.

**演講摘要**

這場演講將探討人工智能在智慧街燈系統中的變革性角色。通過展示新加坡等城市的全球專案，我們將展示這些實施如何節省能源和減少光污染。此外，我們將討論智慧照明技術的演變，從基本的連接性轉向先進的人工智慧功能。參與者將深入了解推動城市轉型的創新解決方案，以及通過智能照明系統提升城市生活質量的潛力。

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