



## Summit Agenda

### DAY 1 - 29th April 2019

 08:40 - 09:50

REGISTRATION & WELCOME COFFEE

 09:50 - 10:00


**MC OPENS**

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 10:00 - 10:20


**Lighting as a design, an art and an emotion**

- The appreciation of daylight in public spaces: Integrating artwork in the Abu Dhabi International Midfield Terminal
  - How lighting design & architecture can be infused to enhance overall ambience?
  - Lighting beyond illumination – exploring what lies in store for the future of lighting design
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 10:20 - 10:40

**Lighting Strategies to achieve Net Zero Buildings**

- Why should energy efficient lighting be the priority for lighting designers?
  - As UAE aims to reduce energy consumption, how important is the integration of highly efficient Day and Electric Lighting?
  - What challenges do lighting designers face towards achieving energy efficiency in terms of lighting buildings?
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 10:40 - 11:00

**Incorporating Sustainable Lighting into Design**

- Sustainable lighting can be achieved by Sustainable design. What are the rubrics that need to be followed to examine how sustainable a design/building is?
- Holistic approach of designers towards sustainable lighting whilst providing customized solutions to their clients in terms of architecture and aesthetic appeal.
- What are the other sustainable lighting strategies that can be followed in the region?

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🕒 11:00 - 11:20

### **Contemporary Role of Lighting Designers**

- The role of a lighting designer is evolving at a fast pace. How quickly should lighting designers adapt to new ideas and concepts?
  - Playing the role of a coordinator – Liaisoning with architects, electrical engineer, knowledge experts, lighting company etc.
  - What are the emerging issues and industry advancements that might be faced by a lighting designer in the region?
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🕒 11:20 - 11:50

NETWORKING COFFEE BREAK & VISIT TO THE LIGHTING DESIGN LOUNGE

🕒 11:50 - 12:30

### **Panel discussion – Lighting Design from a Developer's perspective**

- Exploring the economics behind the role lighting plays in commercial & residential developments
  - LED lighting retrofits – how are property developers contributing in making communities more sustainable & energy efficient
  - Redesigning & reshaping – understanding the role that property developers play in successful lighting design projects
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🕒 12:30 - 12:50

### **Quality of Light in Public Spaces Indicate Directions to Smarter Living in Cities**

- Smart city debates have now shifted from being technology-based to human-focused and experience based. A holistic perspective on how light can contribute to socioeconomic development and wellbeing of its citizens.
  - Regulators need to focus on lighting a city within environmental and sustainable parameters
  - Connected lighting contributes to smart cities. In achieving this, what are the challenges faced in the region?
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🕒 12:50 - 13:10

### **Light Pollution & The Loss of Starry Skies**

- Is light pollution considered to be a major side-effect of city urbanization? An overview of city lighting in the UAE
  - Understanding the impact that light pollution has on humans and biodiversity
  - Exploring solutions & best practices for regulators to curb the disruption in circadian rhythms among citizens due to light pollution
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🕒 13:10 - 13:50

### **Panel Discussion: Growing importance in Efficient Public Lighting**

- The perception of a space changes remarkably on the way it is lit. How can lighting designers play a key role in this?
- Lighting for a safer, greener and smarter city – Can public lighting shape the way shared spaces blend within the society to offer better interaction?
- Creative usage of public lighting can aid in saving energy – Agree or Disagree?

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🕒 13:50 - 14:50  
NETWORKING LUNCH

🕒 14:50 - 15:10

### The Commercial IoT Market and Connected Lighting

- Lighting is an area where IoT can deliver immediate results. IoT and connected street lighting systems are essential to a smart city as they provide unique insights and contribute in operational cost saving.
- Light luminaries can connect IoT services for a seamless experience
- What are the challenges in implementing Lifi in the region and its futuristic trends?

🕒 15:10 - 15:30

### Re-introduction of city after dark - Lighting the Urban Nightscapes

- Perception of a place at night can vary remarkably compared to daylight – how does the creativity of a lighting designer come into foray?
- What impact does it have on the social fabric of an urban life? Strongpoints and Shortcomings.
- **Case Study** - Best urban lighting concepts followed in the region. How does interactive urban lighting change public spaces?

🕒 15:30 - 15:50

### Why Color Temperatures stands out as an important factor for lighting designers?

- How color temperatures are gaining importance across a building's interior and exterior?
- Colour temperatures can impact the moods of people and evoke different feelings. What can be the role of colour temperature apps?
- Challenges a lighting designer faces in setting the right color temperatures

🕒 15:50 - 16:00  
MC CLOSSES

🕒 16:00 - 16:30  
NETWORKING COFFEE BREAK & VISIT TO THE LIGHTING DESIGN LOUNGE

**DAY 2 - 30th April 2019**

🕒 09:20 - 09:50

NETWORKING & MORNING REFRESHMENTS

🕒 09:50 - 10:00

**MC OPENS**

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🕒 10:00 - 10:20

**Light Plays a Crucial Role in Holistic Wellbeing**

- The Science of Light and Human - Research indicates positive influence of people present in well-lit environments. How can lighting designers imbibe this in their projects?
  - Will lighting residential spaces be more well-being focused or energy efficient?
  - The synchronization between daylighting, shading, and technology helps achieve an ideal human centric condition in unexpected ways. What are the best practices lighting designers need to be mindful of when designing residential spaces?
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🕒 10:20 - 10:40

**Lighting and Ergonomics in the workplace**

- Lighting considerations for sustainable productivity.
  - Achieving workplace wellness by incorporating natural light. What can be the checklist for proper illumination?
  - Going beyond LED lighting fixtures - exploring the full potential of natural light
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🕒 10:40 - 11:20

**Panel Discussion: Human Centric Lighting – A priority for Lighting Designers?**

- ‘Circadian Lighting’ – a term most lighting designers are aware of. Yet, do they practically consider such a concept?
  - Understanding the role of Circadian Lighting and is there a lighting design strategy to be followed?
  - Are organizations embracing this concept to ensure employees work in better lit spaces? How does it impact their productivity?
  - Impact of light on human wellbeing. Does it contribute to healing/ impact the psychology of patients?
  - Can human-centric lighting take precedence over technology and functional design in commercial projects?
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🕒 11:20 - 11:50

NETWORKING COFFEE BREAK & VISIT TO THE LIGHTING LOUNGE

🕒 11:50 - 12:30

**Panel discussion – Can natural light change the perception of spaces?**

- Abundance of daylight reduces energy consumption but might diminish the essence of a space. Agree?
  - Quantity of Light vs. Quality of light - Techniques to transform spaces with natural light
  - Challenges in using daylight as a design concept to ensure the space utilizes sustainable lighting techniques
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🕒 12:30 - 12:50

### Digital developments in lighting and its impact on the lighting industry

- How Big Data and Illuminating Communication are paving the way for digital advancements in lighting?
  - Lighting experts need to be updated on the latest trends to design the city of future. What are the promising innovations that is changing their day-to-day practices and industry as a whole?
  - What are challenges in the pace of adopting digital developments in this industry?
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🕒 12:50 - 13:30

### Panel Discussion: Can we achieve smart interior design through lighting design techniques?

- Aesthetic appeal of spaces is enhanced with the contribution of right lighting. How does it blend with other aspects such as paint, furniture, plants etc. to get the desired result?
  - Daylight or Artificial light – Is sustainability a priority?
  - What are the challenges in integrating light as a design aspect for interiors? How can architects and designers' experiment & explore with lighting qualities?
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🕒 13:30 - 13:50

### Architectural Lighting of a Tourist Oriented City

- How technology-enabled architectural lighting is bringing in great benefits in terms of energy, safety, and adding aesthetic appeal to commercial sites?
  - The lighting industry is undergoing rapid transformation. What are the challenges faced by lighting designers in incorporating latest technology to light up monolithic structures?
  - The city of Dubai is leading in lighting iconic structures creatively. Are Laser lights set to replace LEDs?
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🕒 13:50 - 14:00  
MC CLOSES

🕒 14:00 - 14:30  
NETWORKING LUNCH

Agenda is subject to change

An Event by:



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