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Smart Energy Application Approach in Hong Kong Market

Date : 14 Jan,2022 (Fri)

Time : 19:00 -21:00

Topic : Webinar: Smart energy application approach in Hong Kong Market

Topic Part 1 : **Application of Smart Lighting in commercial building**
Speaker: : **Mr Janson Yu -BAST Lighting, 24 years of Electrical & Electronics experience**

In recent years, artificial intelligence has become more and more popular and has been widely used in building facilities and management. As smart system needs large amount of data communication and cloud computing for control and monitoring applications, we require extra budget to modify hardware of network system on site. To minimize the cost of modification and installation, Wireless network technology becomes essential in smart building.

Janson is here to introduce the characteristics of various wireless communication technologies and how to choose suitable smart products in different application environments. Finally, we also use some case studies to share with you the usually problems and solutions in the installation of smart systems in multi-storey buildings.

Topic Part 2 : **Sustaining Energy Performance through SMART Service in Chiller Systems**

Topic part 2A : **Mr Rocky Lau — Carrier HK Ltd., Over 20 years of Building Controls & Integrated Solutions experience. He also achieved various professional qualifications areas: MAEE, MASHRAE, MCIBSE, MEI, MInstMC, MIEAust, NER, APEC Engineer, CEng, CPEng, IntPE, CAP, PMP, RCx Pro, REA**
Speaker:

Rocky shall offer an introduction of the basic ingredient in a well-designed and optimized Chiller plant and go on to describe the BMS control strategies typically applied in the industry as well as the standard software set-up requirements. In any software component set ups, general maintenance is essential to assure the normal operation in BMS and Rocky shall take this opportunity to introduce some of the new IoT technologies in BMS which would help to relieve the growing demand of service maintenance.

Topic part 2B : **Mr Paul Tsui : Carrier HK Ltd—Advan TEC Solution; Over 30 years in HVAC Sales, System Analysis and solution development**
Speaker:

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Leading into the key topic is the challenge on how to sustain the designed performance after the system is commissioned. Maybe the conventional everyday maintenance operation practice we are doing will continue and cannot be without. But that alone, is not sufficient in sustaining the designed performance long term. As chiller system design advanced with more strategies and complexity, the demand on Service Maintenance increases at same rate, often hard to cope by conventional service operation practice. Lacking a system approach in monitoring and sometimes mal-practices..., would quickly deteriorate the system performance it original designed set out to do. Today, the maturing IoT technologies is opening up new possibilities, providing new tools, methods, and approaches in Service Operations that greatly extend our maintenance capability important to safeguard that optimized design performances.

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Please tick here if require for a CPD e-certificate, HK\$100.00 will be collected.

Registration Method 參加方法

Please fill the online application form:

https://docs.google.com/forms/d/e/1FAIpQLSfhAFibEauZWIVFEBzx8CSroPc_yEvmaDkBnT4ocSwjP955gQ/viewform

Or return the Registration Form by email at: activities@aiib.net on or before 13-January;2022

Successful registration will receive notification message.



Enquiry 查詢:

Please contact Mr Raymond Wan at 9011 6989 / 2915 2883 by email: aiibhongkong@gmail.com

Successful registrations will be notified.

Remark 備註:

If Tropical Cyclone Warning Signal No. 8 or above / Rainstorm Red or Black Warning is hoisted until 14:00 on the date, the webinar will be cancelled.

