IEM Organised by Electrical Engineering Technical Division

The Institution of Engineers, Malaysia

Innovation Webinar Talk: The 3Es of Finance Essential in Digital Economy

BEM APPROVED CPD/PDP: 2 REF. NO.: IEM21/HQ/227/T(W)

Invited Speakers:
Mr. Yam Hong, Mr. Vineet Sarin, Ms. Subaasini Raju, Mr. Yury Drabkin, & Mr. Danny Tan

8 July 2021, Thursday
2P.M.- 6 P.M.

Registration Fees
(effective 1st August 2020)
Student Members : Free
IEM Members : RM 15.00
IEM Non Members : RM 70.00
Register online I www.myiem.org.my

TENTATIVE AGENDA

Time	Topic	Speaker
2:00pm	Emerging UPS Technologies	Yam Hong
2.55pm	Q&A	
3:05pm	Do you own your privacy: Programmable Internet and Blockchain Tunnels for your infrastructure monitoring.	Vineet Sarin
3:50pm	Q&A	
4.00pm	Professional Data Center services and & EcoStruxure IT as tools to accelerate Customers digital journey	Subaasini Raju & Yury Drabkin
4.45pm	Q&A	
4:55pm	Cybersecurity Risk Assessment for OT Environment	Danny Tan
5:40pm	Q&A	
6:00pm	End	

SYNOPSIS & SPEAKERS' DETAILS

Topic Title:

·*Emerging UPS Technologies by Mr Yam Hong*

The digitalization of the economy is driving rapid adoption of cloud computing and other disruptive digital technologies. This is accelerating and transforming the landscape of building and operating critical infrastructures. In addition, stakeholders have been challenged by the relentless drive towards costs optimization and ability to adapt to changing business needs without compromising availability. At the heart of it is the Uninterruptible Power Supply System - the lifeline keeping Critical Systems up and running 7x24. UPS technologies have been behind the curve in meeting these challenges until recently. We examine the emerging UPS technologies and Energy storage system in overcoming these challenges.

Since joining Schneider Electric in 1989, Mr. Yam has over 25 years of experience specializing in Data Centre, Critical Facilities & Infrastructures. During this time, he has roles spanning training, project management, sales, solution engineering and services. Currently Mr. Yam is responsible for formulating and executing business strategies to grow the Enterprise Power and Cooling business in the East Asian region. As a subject matter expert on Critical Power, he works closely with the Regional country teams and partners in designing and optimizing critical power and cooling solutions in the Data Centre and Secure Power space.

Topic Title:

··*Do you own your privacy: Programmable Internet and Blockchain Tunnels for your infrastructure monitoring by Vineet Sarin*

Do you know the Internet we use today hasn't changed a lot since 1970, shocking right!! Why is it that every time you deploy a Building management system or a DCIM you start scrambling about data security? When you use a commercial VPNs, you just move the risk down the VPN tunnel as you trust 3rd party providers with your data. What if there was a way that practically any infrastructure device, monitoring system can be deployed anywhere without worrying about security and latency issues? Let us brainstorm.

Leading Advance Custom Solutions Business and Technology Development for Asia Pacific, Vineet through his nearly 15 years in Schneider Electric has experience leading Datacenter Technology Products, Datacenter CFD Modeling/Auditing services, and DCIM business. His peers and customers grade him as - An always ready to help hands-on resource, when it comes to New Innovation, Complex technology architectures and winning back nearly lost battles. To name a few, Vineet is a Certified Scrum Product Owner, Six Sigma Green Belt and now a days trying his hands on Scaled Agile Framework (SAFE).

Topic Title:

·*Professional Data Center services and & EcoStruxure IT as tools to accelerate Customers digital journey by Subaasini Raju & Yuri Drabkin*

During the session we are planning to share how EcoStruxure digital tools & Professional services can help our Customers to reach their digital journey goals faster and more efficient. Relying on SE experience our Customers will be able to improve business services reliability, decrease expenses and Improve DC physical infrastructure efficiency as well as get full visibility on available resources. Real Customer experience to be shared with only 6 months project ROI and 15% DC infrastructure utilization improvement based on assessment, modernization and digital tools implementation.

Subaasini is our Senior Manager in Business Development specializing in Professional Data Center Services. She started her career in Data Center industry since year 2015 with broad knowledge as a solution Architect for South Zone, India region. In year 2018, she expands her footprint in Data Center Life Cycle Services for India region and extends her coverage to East Asia region starting 2021.

Yury currently hold position as Digital Transformation Leader, Secure Power APAC, MEA, SAM & CIS, Yury has implemented dozens of projects: from design, construction and Uptime Institute data center certifications to optimization, building digital twins, operational processes digitalization and implementation of new business models for customers in various segments. Last few years Yury focused on supporting digital transformation and new business approaches implementation in Asia, Oceania, South America, Middle East, Africa and CIS.

Topic Title:

Cybersecurity Risk Assessment for OT Environment by Mr. Danny Tan

Completing a Cybersecurity Risk Assessment (CRA) is the first step in building a reliable and robust cybersecurity program and should be the starting point when applying cybersecurity requirements in an operational technology (OT) environment. Our CRA provides customers with an understanding of their cybersecurity risk posture by identifying gaps and key risk areas that need to be remediated. Additionally, our service provides recommendations and a roadmap to achieve your cybersecurity objectives. The Schneider Electric CRA is a non-invasive high-level assessment performed by Schneider Electric's OT cybersecurity experts. Our CRA aligns to controls categories found with industry best practices and standards such as IEC 62443, NERC CIP, CFATS and ISO27001

Danny Tan has more than 20 years of Experience in Cybersecurity and he is now working as a Cybersecurity Business Consultant for Schneider Electric for the APAC region. He is constantly engaging the customers in the Enterprise and ICS sector across different business segments to share the experience in the cybersecurity risk especially in the ICS network towards digital transformation and help customers to work towards the industrial standard like IEC 62443 and NIST. Apart from the Cybersecurity for the OT network, he is practically having vast experience in doing the IT and OT convergence network.