

Date: 19 July 2019 (Friday)
Duration: 12.30 pm to 6.00 pm
Venue: Mandarin Orchard Hotel
Grange Ballroom
Level 5 Main Tower
333 Orchard Road
Singapore 238867

ACES Member:	\$30 / pax
Non-Member:	\$60 / pax

CPD: 4 PDUs confirmed

SYNOPSIS

Singapore is currently, at a transitional and transformational stage for the Digital Revolution into a Smart Nation.

With this Smart Nation drive, Azbil identifies the industry's need for innovative ideas and solutions to ensure growth and competitiveness.

And within this drive to always remain competitive and always strive for continuous improvement, we will share Azbil's latest advanced Building Solutions & Technologies.

The key conversation and knowledge that we expect would be acquired here is the ability, the realization of how to harness these advanced technologies and exploit them to the commercial benefit of building owners.

This would in regards, enhance Operational Capabilities as well as any working aspects of best Business Practices. Increased manpower efficiency through autonomous optimisation via Artificial Intelligence or (AI) or Big Data Analytics & Predictive Maintenance via Machine-learning or (ML).

SPEAKER:



Mr. Suzuki is the current technical manager of Azbil Corporation/Singapore and oversees the safe and precise implementation of Azbil AI technologies into building works under construction in Singapore. He has served in Japan in the automation system design of building projects. In Singapore, he has been involved with the strategical proposal for the automation systems in infrastructural projects and critical environment control such as the district cooling system, data centre, laboratory, clean room, institution, commercial building etc.

Mr. Suzuki is a Professional Engineer in Japan for Environmental Engineering (Air-conditioning)

PROGRAMME OUTLINE

Time	Session	Topic	Contents
12.30 pm to 1.30 pm		Registration and Buffet Lunch at Level 8 <i>(Participants to proceed to Level 5, Grange Ballroom after buffet lunch for seminar)</i>	
1.30 pm to 3.30 pm	Session 1	Opening	Company introduction
		1. BMS/IBMS architecture and components	a) Typical BMS/IBMS architecture
			b) DDC controllers
			c) Triple Redundant controller for critical environment
		2. Latest Smart product for Building	a) Smart Occupancy Sensor
			b) Smart Control Valve (Electronic PICV)
c) Next-generation VAV Box			
3. Basic ACMV control	a) Airside control strategy		
	b) Chiller plant control strategy and fine tuning		
3.30 pm		Tea Break	
3.45 pm to 5.45 pm	Session 2	4. Azbil's ACMV Optimization	a) Condenser Water Optimisation (CWO)
			b) Chiller Plant Control Optimisation (VWT)
			c) Secondary Pump Optimisation (VWV)
			d) Building Air-side Optimisation (VAV)
		5. IBMS Application and demonstration	a) User Interface for BIM Integration & 3D Modelling
			b) Enhanced Accessibility on Mobile Devices
			c) Azbil Building Artificial Intelligence & Machine-learning
		d) Azbil Building Applications - Smart Utility Management System - Maintenance Module - Facility Booking Module - Facility Billing Module	
		e) Simulated Building System Demo	
5.45 pm		End of Seminar	

REGISTRATION FORM

For enquiry, please call ACES Secretariat at Tel: 6659 5023

Kindly sign and submit your completed registration form to secretariat@aces.org.sg

Code	Title	Fee per pax	Schedule	Venue
S29	ACES-Azbil Seminar	ACES Member: \$30 Non-member: \$60	19 Jul 2019 (Fri) 12.30 pm to 6.00 pm	Mandarin Orchard Hotel Grange Ballroom Level 5 Main Tower 333 Orchard Road Singapore 238867

S/N	Full Name	PE No.	ACES Member M'ship No.	Non-Member
1.				
2.				
3.				

Company:		
Address:		
Contact Person:	Mobile No.:	Email:

PAYMENT

Enclosed is a Cheque No: _____ (Cheque should be crossed and made payable to “**Association of Consulting Engineers Singapore**” and mailed to “18 Sin Ming Lane #06-01 Midview City, Singapore 573960, Attention: ACES Secretariat”).

[Note: On the back of the cheque, please indicate participant name & event name]

Terms and Conditions	To be completed by Company and Individual Applicant
<p>By submitting and signing this application form, the company and individual applicant agree to the following:</p> <p>a) The company and individual applicant has read and understood the terms of the flyer (if available) and the application form.</p> <p>b) Payment for the course must be made (in form of cheque or cash) two weeks before the course commencement date.</p> <p>c) ACES reserves the right to amend any details relating to the course, revise the course fees without prior notice, cancel or postponed the course.</p> <p>d) Cancellation – In the event that participant is not able to attend, please inform us in writing at least 3 working days before the event date. Otherwise full payment is still applicable even if the participant did not turn up for the course.</p>	<p>COMPANY APPLICANT</p> <p>Name: _____</p> <p>Signature: _____</p> <p>Date: _____</p> <div style="border: 1px dashed black; width: 100%; height: 80px; margin: 10px 0;"></div> <p style="text-align: center; font-size: small;">Company stamp (for company application)</p> <p>INDIVIDUAL APPLICANT</p> <p>Name: _____</p> <p>Signature: _____</p> <p>Date: _____</p>