

Technical Visit to ABB's Innovation Center, Singapore

Date : **8th March 2018 (Friday)**

Venue : **ABB Pte Ltd - 2, Ayer Rajah Crescent, 139935 Singapore**

Participants to assemble at IEM Secretariat Office, 24B Jalan Abiad, Taman Tebrau Jaya, Johor Bahru. Transportation from JB-ABB Singapore-JB will be provided by IEM (SB). Participants are to ensure that their passports are valid for at least another six (6) month and have filled-up the Disembarkation/ Embarkation Form to enter Singapore.

Attire : **Semi-Formal**

Synopsis

ABB (ASEA Brown Boveri) is a Swiss-Swedish multinational corporation headquartered in Zurich, Switzerland, operating mainly in robotics, power, heavy electrical equipment and automation technology. It has been a global Fortune 500 company for 24 years. Continuing a history of innovation spanning more than 130 years, ABB today is writing the future of industrial digitalization with two clear value propositions: bringing electricity from any power plant to any plug and automating industries from natural resources to finished products. As title partner of Formula E, the fully electric international FIA motorsport class, ABB is pushing the boundaries of e-mobility to contribute to a sustainable future. ABB was established in Singapore in 1971 and employs more than 1000 people across three offices to service local and regional market across South-East Asia and beyond.

ABB's technologies complement Singapore smart city roadmap and its innovation can be found across the following industries:

- Seng Choon Farm Eggs - Palletizing robots automation for soft landing
- IKEA Tampines - Photovoltaic panel to harness solar energy
- Marina East desalination plant - Bolstering water security with automation and electrification solutions
- National Stadium Singapore - technology driving the retractable roof
- High speed E-bus charging - Solutions for autonomous e-bus pilot
- Data Centre Singapore - Optimization and improved uptime
- Power network - Grid reliability and efficiency

IEM (Southern Branch) is organizing this technical visit to ABB's innovation center to gain more insight behind the engineering solutions and technologies enabling the realization of the above mentioned cutting edge solutions. The exposure will also benefit our young engineers by keeping them abreast of the latest technology and engineering innovation. We are pleased to invite all members to participate in this visit. Details listed as follows:

Time	Itinerary of the visit (Tentative)
8.00 a.m. – 8.15 a.m.	- Assemble at IEM (Southern Branch) Secretariat Office & Registration
8.15 a.m. – 9.30 a.m.	- Depart from Johor Bahru to ABB's Innovation Center, Singapore
9.30 a.m. – 10.00 a.m.	- Arrival of guest - Introduction and Welcoming speech
10.00 a.m. – 11.45 a.m.	- Presentation by ABB Pte Ltd - Technical tour and hands-on experience in the respective innovation center platform
11.45 a.m. – 12.15 p.m.	Questions & Answers
12.15 p.m.	End of visit
12.15 p.m – 1.30 p.m.	Depart from ABB, Singapore to IEM Secretariat Office (Expected arrival at 1.30 p.m.)

Participant Fees:

	Online	Normal
IEM Member	RM 140.00	RM 160.00
Non- IEM Member	RM 220.00	RM 240.00

The visit is strictly limited to **25 participants** only. Registration will be on a first-come-first-serve basis **REGISTRATION IS CONFIRMED ONLY WITH PAYMENT RECEIVED.**

Kindly return the reply slip to the IEM (SB) office before **1st March 2019** together with a non-refundable commitment fees, made payable to **The Institution of Engineers, Malaysia (Southern Branch)**. Alternatively, you could bank-in the Commitment Fees into the Institution’s Maybank Current Account (No. 5-013920-15708) and to facsimile the bank-in slip as well as the Reply Slip to the Institution. Please note that the fees must be settled in advance prior to the visit. Please also be reminded that if a place is reserved and the intended participant failed to attend the visit, the fee will still have to be settled in full. Thank you for your continuous support of the Institution.

Sub-Committee on Technical Visit, IEM (SB)

BEM Approved
CPD HOURS: 3.5
Ref No: IEM19/SB/068/V

REPLY SLIP

To: Hon. Secretary
The Institution of Engineers, Malaysia (Southern Branch) **Fax: 07 - 331 9710** or email: iemsouthern@gmail.com

Technical Visit to ABB’s Innovation Center, Singapore
8th March 2019 (Friday), 8.30 a.m. – 12.30 p.m

I wish to participate in the above visit on 8th March 2019 (Friday), I enclosed herewith a cheque No. for the amount of RM.....as my participant fee for the visit.

Name of Member: Membership No:

Address: Tel (O): Fax:
..... (H/P):
..... Email:

Company’s Name:I/C No:

(This is strictly compulsory)

Signature : Date:

Note: For IEM members, membership cards should be presented for identification purpose. Failure to present the card, one will be declared as a non-IEM member and he/she will be required to pay the non-IEM member fee.

PERSONAL DATA PROTECTION ACT

I have read and understood IEM’s Personal Data Protection Notice published on IEM’s website at www.myiem.org.my and I agree to IEM’s use and processing of my personal data