



3RD ENGINEERING EXHIBITION & CONFERENCE 2024, MALAYSIA

An Event of  **IEM CONVENTION**

CONCURRENT EXHIBITION:



3RD AIR-CONDITIONING, REFRIGERATION &
VENTILATION EXHIBITION 2024, MALAYSIA

18 > 21
SEPT 2024
10AM > 6PM

KLCC
KL CONVENTION
CENTRE, MALAYSIA

E-SHOWGUIDE

ASEAN's Key **ENGINEERING & ACMV & R** Exhibition & Conference for the Built Environment

- Mechanical & Electrical
- Civil & Structural
- Air-Conditioning, Mechanical Ventilation & Refrigeration

www.ENGINEERMALAYSIA.com.my

Joint Organiser
for ENGINEER:



Joint Organiser
for MARVEX:



Joint Organiser:



TABLE OF CONTENTS

TO EXPERIENCE

ENGINEER & MARVEX Official Opening Ceremony	7
Data Centre Infrastructure Live Showcase	9
Cleanroom Experience Centre	10

KNOWLEDGE HUB

How to Get There	6
ASHRAE Bookstore @ em. Cafe	11
Hall Layout	12
Power Talk Industry: ESG Series	19
Power Talk Industry: Data Centre Infrastructure Series	20
Power Talk Industry: ACMV Technology Series	21
IEM SYMPOSIUM & CONFERENCE	22
Kuala Lumpur Engineering Forum (KLEF)	23
ASHRAE Malaysia Chapter Conference	25
CHINA-ASEAN HVAC & R FORUM	26

FOR SOURCING

ENGINEER & MARVEX Excellence Award	14
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MUST-SEE!

MARVEX Air-Conditioning & Refrigeration Skills Competition	8
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DOUBLE THE SIZE, 4 HALLS OF INNOVATIONS

As the built environment evolves, the demand for intelligent buildings and eco-conscious cooling systems intensifies. ENGINEER & MARVEX 2024 answers this call, positioning itself as the catalyst for these transformative changes.

ENGINEER 2024 unites leading experts in building services engineering focusing on Mechanical & Electrical (M&E) and Civil & Structural (C&S), showcasing innovations that enhance automation, energy efficiency, and performance.

MARVEX 2024 highlights the critical need for energy-efficient air-conditioning, mechanical ventilation and refrigeration (ACMV & R) technologies.

The strategic alliance between **IEM, MACRA and C.I.S** forges a regional hub for engineering and building professionals to source, network, collaborate and drive a smarter, cleaner future for the industry.

JOIN US AT ENGINEER & MARVEX and don't miss the experience to discover the future of intelligent structures with integrated systems for the building, sustainable cooling solutions and more!

Engage With Close To
200 Leading Companies

Immerse In Over
100 Hours of Knowledge Sharing

Gain Industry Insights From
9 Concurrent Symposiums & Conferences

Earn BEM CPD Hours*
30+ At Symposiums, Conferences & Talks

*terms and conditions apply

"An event such as ENGINEER & MARVEX brings together the industry's stakeholders from engineers, trade buyers, specifiers, contractors, developers, and the government agencies. It will be **significant for economic growth** as the building industry has many components that make up the construction of a building or structure. There is tremendous multiplier effect at play here and each of you must position yourself to be a recipient of this opportunity."



**Datuk Seri Haji Ahmad
Bin Haji Maslan**
Deputy Minister of Works



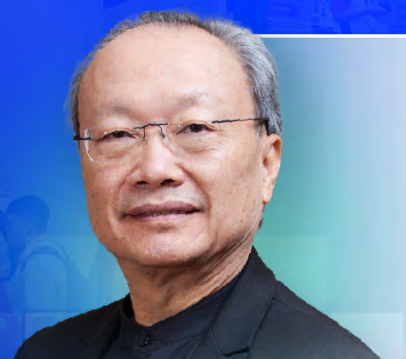
**Ir. Prof. Dr. Jeffrey
Chiang Choong Luin**
President of IEM &
Joint Organiser of ENGINEER

"ENGINEER aligns with the NCP2030, where **automation, transformative AI, and green technologies** are key to setting the pace for a sustainable future. A showcase of cutting-edge technologies, ENGINEER provides a unique opportunity from diverse engineering disciplines to come together, exchange ideas and foster partnerships."



Peter Tan
MACRA President &
Joint Organiser of MARVEX

"MARVEX is an exhibition of the industry, by the industry for the ACMV & R industry. Each year you will experience something different, new and exciting because the industry wants to see it! Don't miss the innovations that will pave way for a **more sustainable and energy efficient world.**"



Dato' Vincent Lim
President of C.I.S
& Joint Organiser of
ENGINEER & MARVEX

"Positioned as the Business Gateway to Engineering and ACMV & R in ASEAN, our goal extends beyond economic prosperity. We aspire to drive Malaysia towards sustainable development and these exhibitions serve as vibrant hubs where trade and business flourishes, ideas converge and collaborations thrive in **shaping the future of our industries.**"

SUPPORTED BY OVER 30 ESTABLISHMENTS

Including Ministries, Regulatory Bodies and Industry Associations (Local & International)

Supported By :



Endorsed By:



Alliance Partners:

Strategic Partner:

Local Supporting Organisations:



Regional Supporting Organisations:



AFEO



AER

AFEO MEMBER ORGANISATIONS:



AIR-CONDITIONING & REFRIGERATION
ASSOCIATION, SINGAPORE (ARA)



VIETNAM SOCIETY OF REFRIGERATION
AND AIR-CONDITIONING ENGINEERS (VISRAE)

Getting to ENGINEER & MARVEX



CLICK HERE

for more information
about the different
transportation options
available to you.

ENGINEER & MARVEX is held at the Kuala Lumpur Convention Centre is connected by rail and road. To travel there, you can opt to take the train and disembark at the KLCC station where the Convention Centre is just a 5-minute walk away. Alternatively, you may drive and park at the Convention Centre or the surrounding buildings and shopping malls.

Official Airline Partner:



ENJOY UP TO **15%***
Off

When You Fly To **ENGINEER & MARVEX 2024**

PROMO CODE:

MHEM24

FROM NOW – 18 September 2024

(Travel period from 11 to 28 September 2024)

BOOK NOW

*Terms and conditions apply.

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You are Cordially Invited to



CONCURRENT EXHIBITION:



Official **OPENING CEREMONY**

Guest of Honour.

**YAB Dato' Sri Haji
Fadillah bin Haji Yusof**

*Deputy Prime Minister and Minister of Energy Transition
and Water Transformation, Malaysia*

19 SEPT (THURS) 2:30PM

**HALL 7B, LEVEL 3,
KL CONVENTION CENTRE**

Dress Code: Business Formal



**CLICK or SCAN
HERE TO RSVP
before 6 Sept**

VISIT & WIN

4 Days, 8 Winners! Say goodbye to pollutants and Win a **Daikin Streamer MC40 Air Purifier** when you register and visit ENGINEER & MARVEX exhibition!

Courtesy of:



 **MARVEX**[®] Presents

AIR-CONDITIONING & REFRIGERATION SKILLS COMPETITION

Installation

Commisioning

Dismantling

21 **SEPT 2024**
SATURDAY
10AM > 4PM

MEETING SPACE 5, HALL 5
KL CONVENTION CENTRE

JOIN US

to witness the next generation
of ACMV & R professionals in action

**REGISTER YOUR
VISIT NOW**



For Competition Details:

 enquiry@macra.org.my  +60 14-600 1551

LIVE SHOWCASE

EXPLORE THE FUTURE OF DATA CENTRE INFRASTRUCTURE



KEY HIGHLIGHTS

The latest M&E solutions systems designed to optimise data centre performance and reliability.

State-of-the-art cooling solutions to ensure optimal operating conditions for your data centre.

Gain insights from industry leaders and experts on the latest trends in data centre design and operation.

LIVE SHOWCASE

EXPLORE THE FUTURE OF **CLEANROOM** SOLUTIONS

Featuring Engineering and ACMV & R technologies for:
Pharmaceutical & Semiconductor Solutions

KEY HIGHLIGHTS

State-of-the-art cleanroom designs that enhance efficiency, safety and compliance with stringent industry standards.

Cutting-edge air-filtration systems, advanced monitoring systems, and contamination control measures that set the benchmark for cleanroom environments.

Gain insights from industry leaders and experts on the latest trends in cleanroom engineering and management.



**SCAN HERE TO
BOOK NOW**

Hurry, limited spots!

In Partnership with:

JAF[®]
JAPAN AIR FILTER

x

GREEN EXCEL
Engineering & Consultancy

FIRST ASHRAE BOOKSTORE in South East Asia

@ em. Cafe, HALL 2

**LIMITED
COPIES!**



Featuring over 100 titles of standards, guidelines,
and industry handbooks shipped from the United States

HALL LAYOUT

KUALA LUMPUR CONVENTION CENTRE

LEGENDS:

R REGISTRATION COUNTER

i INFO POINT

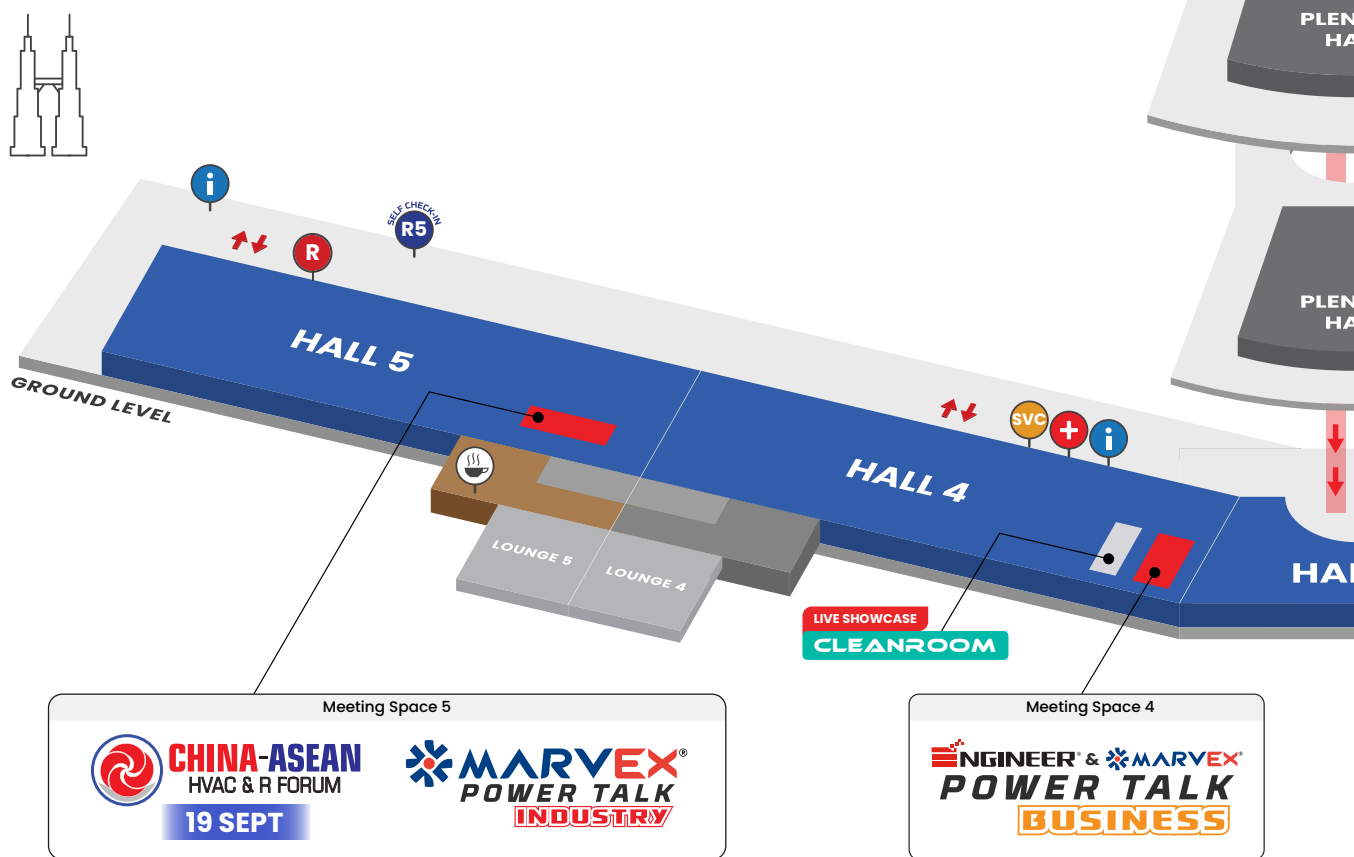
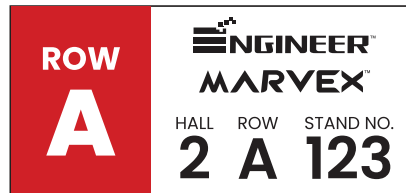
R2 R5 SELF CHECK-IN COUNTER

+ PARAMEDIC

SVC EXHIBITION SERVICE COUNTER

☕ CAFÉ

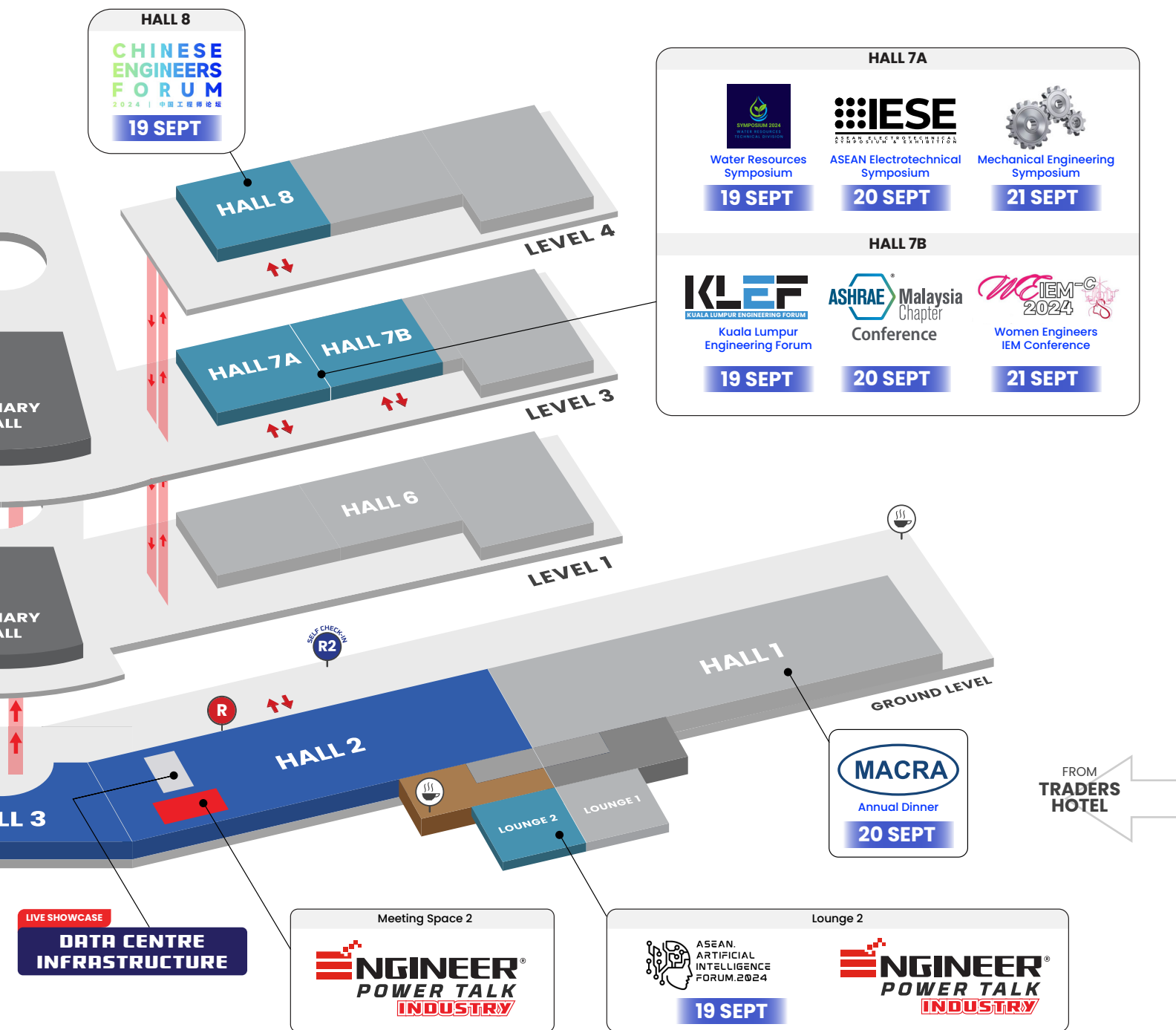
Look for these Stickers for **BOOTH NAVIGATION**



EXHIBIT

MECHANICAL & ELECTRICAL

- Automation Technologies, Controls & Application
- Big Data Analytics
- Building Automation & Systems Integration Technologies
- Building Information Modeling, Computer Software Technologies & Services
- Circuit Breakers, Connector Systems, Controls & Dimmers
- Data Centre Infrastructure
- Electrical Power Distribution & Transmission
- Elevators, Escalator Solutions, Systems & Technologies
- Renewable Energy & Energy Efficiency Solutions
- Motor & Motor Controls
- Power & Surge Protection Technologies, Devices and Systems
- Power Generation Equipment & Energy Storage Solutions
- Safety, Security & Fire Protection
- Testing & Measuring Instruments
- Wires, Cable, Cabling, Electrical Supplies and Systems



PROFILES

CIVIL & STRUCTURAL

- Filtration, Water Treatment, Systems & Technologies
- Formwork & Scaffoldings
- Geotechnical
- Metal, Steel, Aluminium & Concrete
- Piling & Foundation
- Pipe Tools & Accessories
- Roofing, Cladding & Glazing
- Water & Wastewater Treatment, Systems & Technologies

AIR-CONDITIONING, MECHANICAL VENTILATION & REFRIGERATION

- ACMV&R Equipment & Services (Membranes, Fittings, Insulations Testing & Control)
- Air-Conditioning Systems & Equipment
- Air Flow, Air Filtration, Purification, Ventilation Systems & Equipment
- Building Automation & Systems Integration Technologies
- Cooling & Refrigeration Systems & Technologies
- Indoor & Outdoor Air Systems & Equipment
- Pumps & Systems
- Training, Up-skilling & Certification

EXCELLENCE

AWARD 2024

CELEBRATING INNOVATION

The ENGINEER and MARVEX Excellence Awards recognise outstanding product design and efficiency. Nominated products will be showcased at the exhibitions, judged by a panel of industry experts. Join us to discover these products firsthand!

PANEL OF JUDGES



CHIEF JUDGE

Ir. Ong Ching Loon
Past President (2020 - 2022)
The Institution of Engineers,
Malaysia (IEM)
Managing Director
Cofreth (M) Sdn Bhd



**Ar. Ahmad Ridha
bin Abd Razak**
Vice President
Pertubuhan Akitik Malaysia
(PAM)



Ir. Chong Chew Fan
President
Association Of Consulting
Engineers Malaysia (ACEM)



**Ferdinand Ng
Siek Khai**
Board Member
Malaysian Air-Conditioning &
Refrigeration Association
(MACRA)



Gan Chok Ser
Deputy President
Malaysian Air-Conditioning &
Refrigeration Association (MACRA)
Managing Director
Cooling Innovation Sdn Bhd



Ir. Gopal Narian Kutty
Council Member
The Institution of Engineers,
Malaysia (IEM)
Vice President
Enermap Solution



Ir. Kok Yen Kwan
Director
NK Engineers Sdn Bhd



Ir. Lam Kim Seong
Vice President
ASHRAE Malaysia Chapter
Director
Prudenergy Consulting Sdn Bhd



Ir. Dr. Lee Yun Fook
Committee Member
The Institution of Engineers,
Malaysia (IEM)
Executive Director
Sepakat Setia Perunding Sdn Bhd



Mitch Gelber
Chief Executive Officer
Malaysia Green Building Council
(malaysiagbc)



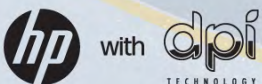
Tee Tone Vei
Chapter President
ASHRAE Malaysia Chapter
CEO
Intira Group



Ar. Zulkifli Zahari
President
Malaysia Association Of Energy
Service Companies (MAESCO)

and more

Award Panels Printed by:



SCAN HERE TO VIEW
THE AWARD
NOMINEES



EXCELLENCE

AWARD 2024



AONIC SDN BHD

HALL 2 • BOOTH 2E075

DJI DOCK 2

- Empowering 24/7 Autonomous Drone Operations for Increased Efficiency and Safety

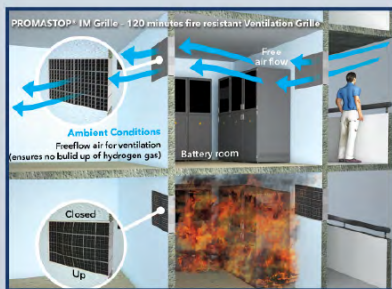


TERASAKI ELECTRIC (M) SDN BHD

HALL 2 • BOOTH 2C055

NEW TECHNOLOGY FOR LEGACY SYSTEMS (ACB RETROFIT)

- Upgrade Your Switchboard, Not Your Entire System



ETEX MALAYSIA SDN BHD

HALL 4 • BOOTH 4B190

PROMASTOP® – IM GRILLE

- Seamless Fire Safety and Airflow for Modern Buildings



SELESA TECHNOLOGY SDN BHD

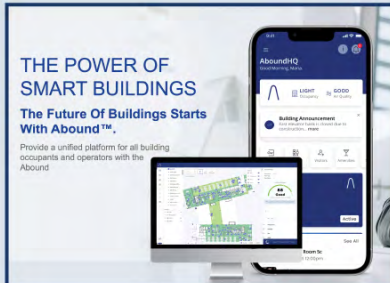
HALL 2 • BOOTH 2E072

RIELLO UPS MULTI POWER 2

- Need Reliable Power? This UPS Delivers Efficiency AND Adaptability



EXCELLENCE AWARD 2024



CARRIER (MALAYSIA) SDN BHD

HALL 4 • BOOTH 4P232

ABOUND

- Smart Buildings for a Sustainable Future



GREE AIR CONDITIONER (M) SDN BHD

HALL 5 • BOOTH 5N366

AERODYNAMIC GAS BEARING CENTRIFUGAL CHILLER

- Aerospace Tech for Unmatched Chiller Efficiency



SYSTEMAIR SDN BHD

HALL 5 • BOOTH 5L332

BA-HYGIENE

- Breathe Easy with Certified Sterile Air



CAMFIL MALAYSIA SDN BHD

HALL 5 • BOOTH 5K318

CAMFIL HI-FLO XLT

- Minimise Cost, Maximise Air Quality



LAN HOE ENTERPRISE (1979) SDN BHD

HALL 4 • BOOTH 4F272

GREFAC USMART INVERTER COMMERCIAL REFRIGERATION SYSTEM WITH REVERSE CYCLE DEFROST ON DEMAND

- AI-Powered Efficiency for Commercial Refrigeration



EXCELLENCE AWARD 2024



GENIUS COOLING TOWERS SDN BHD

HALL 4 • BOOTH 4P460

MK SERIES – CROSSFLOW COOLING TOWER

- Sustainable Cooling for Space-Constrained Sites



HAIER ELECTRICAL APPLIANCES MALAYSIA

HALL 5 • BOOTH 5L338

MRV7 S

- Energy-Saving VRF with Enhanced Sub-cooling

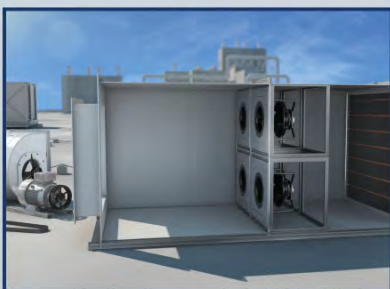


INSAFOAM INSULATION (M) SDN BHD

HALL 4 • BOOTH 4F257

PRE-INSULATED CHILLED WATER PIPES

- Factory-Made Precision for Efficient Piping Systems



EBM-PAPST SEA PTE LTD

HALL 4 • BOOTH 4H281

RADIPAC C

- The Efficient Retrofit Solution for Older Buildings



DELTA ELECTRONICS INT'L (SINGAPORE) PTE. LTD.





HALL 4 • BOOTH 4D234

UNO®NEXT INDOOR AIR QUALITY MONITOR (9SW)

- Ensure Occupant Well-being with Precise Air Quality Data

FULL PROGRAMME SCHEDULE

DATE/TIME	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM
18 SEPTEMBER (WEDNESDAY)					
19 SEPTEMBER (THURSDAY)					
20 SEPTEMBER (FRIDAY)					
21 SEPTEMBER (SATURDAY)					

1:00 PM		2:00 PM		3:00 PM		4:00 PM		5:00 PM		6:00 PM		7:00 PM	
 EXHIBITION [DAY 1]													
				AN ENGAGEMENT WITH BEM MEETING SPACE 2, HALL 2									
ENGINEER & MARVEX POWER TALK BUSINESS SESSIONS MEETING SPACE 4, HALL 4													
		ENGINEER & MARVEX MOC SIGNING CEREMONY MEETING SPACE 5, HALL 5						ENGINEER & MARVEX WELCOME RECEPTION <small>(By invitation only)</small> MEETING SPACE 5, HALL 5					
		ASHRAE REGIONAL FORUM <small>(By invitation only)</small> LOUNGE 4, HALL 4											
 EXHIBITION [DAY 2]													
ENGINEER & MARVEX POWER TALK BUSINESS SESSIONS MEETING SPACE 4, HALL 4													
		ENGINEER & MARVEX OFFICIAL OPENING CEREMONY HALL 7B, HALL 3						MARVEX PARTY <small>(By invitation only)</small> MEETING SPACE 5, HALL 5					
		ENGINEER POWER TALK INDUSTRY BY IET LOUNGE 2, HALL 2						ENGINEER POWER TALK INDUSTRY BY IEM LOUNGE 2, HALL 2					
				ENGINEER POWER TALK INDUSTRY MEETING SPACE 2, HALL 2				ENGINEER POWER TALK INDUSTRY BY malaysiaGBC MEETING SPACE 2, HALL 2					
 EXHIBITION [DAY 3]													
ENGINEER & MARVEX POWER TALK BUSINESS SESSIONS MEETING SPACE 4, HALL 4													
				ENGINEER POWER TALK INDUSTRY BY ACEM MEETING SPACE 2, HALL 2				ENGINEER BUSINESS COCKTAIL <small>(By invitation only)</small> MEETING SPACE 2, HALL 2					
		ENGINEER POWER TALK INDUSTRY BY MELVSA LOUNGE 2, HALL 2						ENGINEER POWER TALK INDUSTRY BY IEM LOUNGE 2, HALL 2					
				IEM MOU SIGNING CEREMONY AND GUIDELINES LAUNCH LOUNGE 4, HALL 4									
				MARVEX POWER TALK INDUSTRY BY CARRIER MEETING SPACE 5, HALL 5				MARVEX POWER TALK INDUSTRY BY GBI MEETING SPACE 5, HALL 5					
		MCMEA INDUSTRY MEETING <small>(By invitation only)</small> LOUNGE 5, HALL 5											
 EXHIBITION [DAY 4]													
		ENGINEER POWER TALK INDUSTRY BY IEM LOUNGE 2, HALL 2											
ASEAN FEDERATION OF ENGINEERING ORGANISATIONS (AFEO) INTERNATIONAL NETWORKING DAY MEETING SPACE 2, HALL 2													

MACRA ANNUAL DINNER
(By invitation only)
HALL 1
Till late night

Meeting Space 4, HALL 4

18 SEPT (Wednesday)

TIME	TOPIC	SPEAKER	
11:00 AM – 12:00 PM	How Huawei Data Centre Product Profolio fits Green Data Centre Initiative	Mr Leing Chuen Fong (John) Technical Director, Huawei GREENBAY CES SDN BHD	 MALAYSIA
12:00 PM – 1:00 PM	Unlocking Active Sustainable Design with Energy-Efficient Ventilation Strategies	Mr Thomas Schwab Managing Director, ebm-papst SEA Pte. Ltd., Vice President Product Management and Strategy APAC & MEA Air Technology APAC EBM-PAPST SEA PTE LTD	 GERMANY
2:00 PM – 3:00 PM	SIRIM S.M.A.R.T Solutions: Your Partner for Innovation	Mr Muhammad Firash bin Abdul Fattah Director of New Business Management, Group Marketing SIRIM BERHAD	 MALAYSIA
3:00 PM – 4:00 PM	Carrier 360 Sustainable Solutions	Mr Alan Leong Senior Manager, Plan & Spec CARRIER (MALAYSIA) SDN BHD	 SINGAPORE
4:30 PM – 5:30 PM	Efficient Fan System	Mr Andrew Chia Marketing Manager ZIEHL-ABEGG SEA PTE LTD	 MALAYSIA



19 SEPT (Thursday)

TIME	TOPIC	SPEAKER	
11:00 AM – 12:00 PM	Driving HVAC Innovation in a Climate-Conscious Era	Dr. Bakytzhan Akhmetov Senior Application Engineer of ANSYS, Inc CYBERNET SYSTEMS MALAYSIA SDN BHD	 SINGAPORE
12:00 PM – 1:00 PM	EK-AIoT Digital Intelligent Energy-Saving Solutions	Li You Liang Manager of the AIoT Smart Cloud Business in Euroklimat China Ir. Soong Peng Soon GBI Commissioning Specialist EUROKLIMAT (SEA) SDN BHD	 CHINA  MALAYSIA
2:00 PM – 3:00 PM	Decarbonizing The Data Centre	Mr Vinod Jethani Sr Regional Business Development, Danfoss	 INDIA
	Optimizing Data Centre Design with BIM Technologies	Ms Bennie Lam Kit Yoke Global BIM Manager NYKK ENGINEERING GROUP SDN BHD	 MALAYSIA
3:00 PM – 4:00 PM	An Energy Efficient Approach to Design Centralised Air Conditioning VRV system for Commercial Building	Ts. Patrick Lau Hui Hon Senior Engineer, Consulting Sales & Head of VRV Core Sarawak DAIKIN MALAYSIA SALES & SERVICE SDN. BHD.	 MALAYSIA
4:30 PM – 5:30 PM	Introducing Our LED Innovations	Mr Ahmad Zulfadhi Bin Dzulkifli Lighting Specialist OVERSEA LIGHTING & ELECTRIC (M) SDN BHD	 MALAYSIA

20 SEPT (Friday)

TIME	TOPIC	SPEAKER	
11:00 AM – 12:00 PM	Consideration for Choosing a Sustainable Air Filtration Solution	Mr Lee Kwang Cheung Senior Product Manager CAMFIL MALAYSIA SDN BHD	 SINGAPORE
2:00 PM – 3:00 PM	Delta Solutions to Power the Buildings of the Future	Mr Ng Josoon Solution Sales Manager DELTA ELECTRONICS INT'L (SINGAPORE) PTE. LTD.	 SINGAPORE
3:00 PM – 4:00 PM	Introduction to Cleanroom System	Ms Ang Soo Leng Assistant Manage JAPAN AIR FILTER ASIA SDN BHD	 MALAYSIA
4:30 PM – 5:30 PM	Photovoltaic VRF GMV6 and Gas Foil Bearing Centrifugal Chiller	Mr Zhou Yu Head of Centrifugal Chiller R&D Department GREE AIR CONDITIONER (M) SDN BHD	 CHINA

18 SEPT (Wednesday)






TIME	TOPIC	SPEAKER		VENUE
11:00 AM – 1:00 PM	Firestopping In Buildings – Learnings From Past Accidents And Best Practices	Ms Kamalika Kundu Invited Speaker by IEM Fire Advisory Board		MEETING SPACE 2, HALL 2
11:00 AM – 12:30 PM	EPC Implementation in-line with EECA Act	Ms Kaveta Chelliah Head – Sustainability Engineering Solution		MEETING SPACE 5, HALL 5

19 SEPT (Thursday)

TIME	TOPIC	SPEAKER		VENUE
11:00 AM – 12:30 PM	Cleanroom Requirements for Hospital and Health Care Facilities	Ir. Al-Khairi Mohd Daud Chief Consultant		LOUNGE 2, HALL 2
2:00 PM – 3:30 PM	Data Center Strategies: Designing for a Sustainable Future	Ir. Siow Jat Shern Director of Alliance MEP Sdn Bhd Dr. Andrew Lau Strategic Program Director of Microsoft Malaysia Mr Lawrence Lai Managing Director of Covis Sdn Bhd		LOUNGE 2, HALL 2
4:30 PM – 5:30 PM	Forum: The Rise of Engineering Technologist & Technician – Engineering Technologist and Engineering Technician Career Development in the Nation	En. Zazley Mat Nasir Panelists Ts. Amirudin Ab Ghani Panelists Ir. Vincent Khaw Moderator		LOUNGE 2, HALL 2
3:00 PM – 4:00 PM	Cleanroom Commissioning: Why, What & How	Mr Law Kok Zhen Sustainable Business Development Director		LOUNGE 2, HALL 2
4:30 PM – 5:30 PM	Sustainable Urban Development: The Role of Carbon Measurement in Malaysia	Ar. Sarly Adre Sarkum Past President of malaysiaGBC Mr Mitch Gelbe CEO of malaysiaGBC Ir. Ahmad Izdihar bin Supaat Managing Director, Exergy Malaysia Sdn Bhd		MEETING SPACE 2, HALL 2

REGISTER YOUR VISIT NOW

20 SEPT (Friday)

TIME	TOPIC	SPEAKER		VENUE
11:00 AM - 12:30 PM	Renewable Natural Gas: The Sustainable Bioenergy Frontier	Ts. Afifi Zainal Researcher TNB Research		LOUNGE 2, HALL 2
2:00 PM - 3:30 PM	Topic #1 Modular Data Center Topic #2 Mobile Surveillance	Mr Lim I Shen Director of Datahaus Mr Derek Chin Sales Director of HnS Security Sdn. Bhd		LOUNGE 2, HALL 2
3:00 PM - 4:00 PM	Engineering toward Net-Zero for Buildings in Malaysia : A Path to Sustainability	Ir. Chong Chew Fan President of ACEM		MEETING SPACE 2, HALL 2
3:00 PM - 4:00 PM	Revolutionizing Building Management with Abound: The Future of Smart Solutions	Mr Lee Jong Chin Life Cycle & Digital Solutions Leader - SM Mr Laurance Lee Senior Manager		MEETING SPACE 5, HALL 5
4:30 PM - 5:30 PM	Building Energy Intensity (BEI) Evaluation, the GBI Experience	Ir. Soong Peng Soon GBI Commissioning Specialist		MEETING SPACE 5, HALL 5

21 SEPT (Saturday)

TIME	TOPIC	SPEAKER		VENUE
11:00 AM - 12:30 PM	New Structural Form for Highrise Transfer Structure - Prestressed Transfer Plate	Ir. Dr Low Hin Foo Group Managing Director OSD Alliance Design Group		LOUNGE 2, HALL 2
2:00 PM - 4:30 PM	Advanced Engineering Design (Case Study on Hangar Design)	Ms. Ng Mooi Fen Principal Engineer, Civil & Structural WSP Engineering Malaysia Sdn. Bhd		LOUNGE 2, HALL 2
11:00 AM - 12:30 PM	IEM ESG Guidelines	Ir. Associate Professor Ts. Dr. Leong Kah Hon Honorary Secretary The Institutions of Engineers Malaysia (Perak Branch)		LOUNGE 4, HALL 4

REGISTER YOUR VISIT NOW

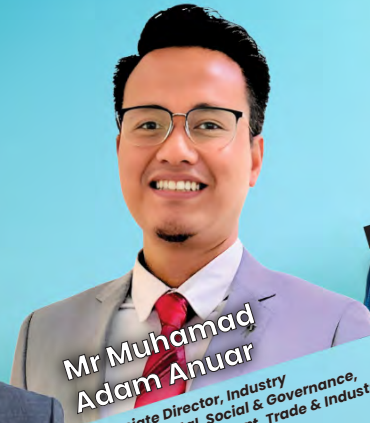
ENGINEER® & MARVEX® POWER TALK INDUSTRY



Mr Dennis Wu
CEO & Executive Director,
Allied Environmental Consultants



Mr Nic Chin
Founder & CEO, Green Quarter



Mr Muhamad Adam Anuar
Associate Director, Industry
Environmental, Social & Governance,
Ministry of Investment, Trade & Industry



Moderator:
Mr. Associate Prof. Ts. Dr. Leong Kah Hon
Deputy Dean, The Institutions of Engineers
Malaysia (Perak Branch)



Mr Sean Lee
Technical Sales Manager
(Promat SEA), ETEX Malaysia



Ir. Ashwin Thurai Rajah
Executive Director, GreenRE



Ms Joyline Chai
Vice President,
ESG Association of Malaysia



Mr Danijel Nuic
Vice President Global Sales,
LOYTEC Electronics
(Subsidiary of DELTA Electronics)

ESG SERIES

Topic 1:

**Integrating ESG Principles
in Urban Development**

Topic 2:

**Advancing ESG in the Built
Environment: Innovations
and Best Practices**

BEM CPD hours/CIDB CCD/ST CDP points has been applied for.



20 Sept 2024 (Fri)



10:30 AM – 2:00 PM



Meeting Space 2, Hall 2
KL Convention Centre

BUSINESS NETWORKING INCLUDED!

The above topics/speakers/dates/times are correct as of publishing time and are subject to changes without prior notice. Registration is on a first-come-first-served basis and subject to seat availability. All sessions are conducted in English and the Organisers reserves the right to determine the number of participants or refuse admission due to health and safety reasons.

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ESG Initiative Partners:



REGISTER YOUR VISIT NOW

ENGINEER® & MARVEX® POWER TALK INDUSTRY

Ir. Ts. Puh Kuan Hua
Solution Director,
GreenBay CES

**Dato' Ir. Jimmy
Lim Lai Ho**
Group CEO & Founder,
Tokai Engineering

**Mr Carlos Garcia
Rodriguez**
Project Director, Malaysia Data Centre Lead,
Turner & Townsend

**Moderator:
Ir. Alex Looi
Tink Huey**
Council Member,
The Institutions of Engineers Malaysia

Mr Bill Lee
Head of Air Filtration, APAC,
K&N Engineering

**Ir. Ts. Maxx
Wong Meng Fai**
Head of Technical and Solutions,
YTL Data Center

**Ir. Wan Murdani
Wan Mohamad**
Vice President, Digital Industry Acceleration,
Malaysia Digital Economy Corporation (MDEC)

**Mr Anderson
Tham**
Country Manager,
Ricello UPS (Distributed by Selesa Technology)

DATA CENTRE INFRASTRUCTURE SERIES

Topic 1:

**Sustainable and Resilient
Data Centre Infrastructure**

Topic 2:

**Emerging Technologies in
Data Centre Management**

BEM CPD hours/CIDB CCD/ST CDP points has been applied for.



19 Sept 2024 (Thurs)



10:30 AM – 2:00 PM



Meeting Space 2, Hall 2
KL Convention Centre

BUSINESS NETWORKING INCLUDED!

The above topics/speakers/dates/times are correct as of publishing time and are subject to changes without prior notice. Registration is on a first-come-first-served basis and subject to seat availability. All sessions are conducted in English and the Organisers reserves the right to determine the number of participants or refuse admission due to health and safety reasons.

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Mr Wayne Wang
Senior Director, Product Management
and Marketing, APAC, Regal Rexnord

Ir. Chen Thiam Leong
Past President of ACEM, IFE Malaysia
& ASHRAE Malaysia Chapter,
MACRA Honorary Life Advisor,
BASAM Advisor

Ir. Zulkiflee Umar
Deputy Director, Energy Efficiency
and Conservation, Suruhanjaya Tenaga

Mr Chong Wai Yen
Managing Director,
Carrier Singapore,
Malaysia & Brunei and
South Asia Pacific
Enterprise Solutions Leader,
Carrier Malaysia

Moderator:
Ir. Ts. Tony Cheng Yew Leong
Secretary & Treasurer
of Mechanical Engineering
Technical Division, The Institutions
of Engineers Malaysia

Mr Zhou Yu
Head of the Centrifugal Chiller
R&D Department, GREE Electric Appliances,
INC. of Zhuhai

Ir. Au Chong Hun
Managing Director, Primetech Engineers

Mr Nazmi Syahrin bin Kasmurin
Director, Malaysia Green Technology
and Climate Change Corporation

Mr Xinyang Meng (Mckie)
Global Marketing Manager from Sanhua

ACMV TECHNOLOGY SERIES

Topic 1:
**Innovations in Smart and
Sustainable ACMV Systems**

Topic 2:
**Future Trends and Directions
in ACMV Technologies**

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 **20 Sept 2024 (Fri)**

 **10:30 AM – 2:00 PM**

 **Meeting Space 5, Hall 5
KL Convention Centre**

BUSINESS NETWORKING INCLUDED!

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SEPT 2024 **KL CONVENTION**
10AM > 6PM **CENTRE, MALAYSIA**

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Senior Vice President, Project Delivery & Technology,
PETRONAS

Ir. Prof. Dr. Jeffrey Chiang Choong Luin

President,
The Institution of Engineers, Malaysia (IEM)

Vivekananth Nadarajan

Engineering Manager,
Turner

Ir. Dr. Sanjayan Velautham

Chief Operating Officer,
Energy Commission of Malaysia (ST)

Raymond Heng

Associate, Structural Engineer for Merdeka 118,
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RE-ENGINEERING A SUSTAINABLE FUTURE

Focus

1

Engineering a Sustainable Future:

The Current State and Future Potential Through ESG Integration

Focus

2

Revolutionizing Structures:

Merdeka 118's Engineering Marvels

Focus

3

Engineering Tomorrow, Engineers Today:

Navigating The Talent, The Welfare and The Strategy

19 SEPT 2024
THURS | 9.00AM

HALL 7B, LEVEL 3
KL Convention Centre

The Programme



8:30 AM Registration

9:00 AM KLEF 2024 Opening

9:05 AM **Engineering a Sustainable Future:**
The Current State and Future Potential Through ESG
Integration

10:10 AM Keynote Address by Guest of Honour

10:30 AM **Revolutionizing Structures:** Merdeka 118's Engineering
Marvels

11:25 AM **Engineering Tomorrow, Engineers Today:** Navigating The
Talent, The Welfare and The Strategy

12:00 PM IEM Townhall

12:40 PM KLEF Closing Remarks

1:00 PM End of KLEF 2024



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20 SEPT
2024
FRIDAY

9AM – 5PM

 **HALL 7B,
LEVEL 3**
KL Convention
Centre, Malaysia

**DL Terry
Rodgers**
ASHRAE Distinguished
Lecturer

Mr Chan Jian Wen
Country Manager of Eaton
Malaysia

Mr Zhang Di Teddy
Principal Researcher of AIDC,
Deep Knowledge Community

Next-Gen Data Centres

Efficiency, Cooling & Investment Strategies

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Advancing Sustainable HVAC & R Solutions:

ASEAN READINESS FOR NATURAL REFRIGERANTS AND ESG INTEGRATION

19 SEPTEMBER
2024

10.00 AM – 4.00 PM

**MEETING SPACE 5, HALL 5
KL CONVENTION CENTRE, MALAYSIA**

**AGENDA
HERE**

Organised by:

MACRA



deltaelectronicssg
KLCC, Malaysia

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ABOUND

An intelligent platform that streamlines building data for better efficiency, comfort, and sustainability.

Don't forget to visit the **Novenco booth 4F253** to discover our innovative Smart AHU products and unlock a world of possibilities!

Join us for exclusive talks and symposiums featuring our industry experts.

Power Talk - Business: 18th Sep, 3 - 4 PM
Curated Talk: 20th Sep, 11 - 12 PM

Power Talk - Industry: 20th Sep, 3 - 4 PM
IEM Symposium: 21st Sep, 9.45 AM – 10.15 AM

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CVS Photovoltaic Direct-driven
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CCE Magnetic Bearing
Inverter Chiller 100-1300RT



CE Fixed-frequency
Centrifugal Chiller 350-3000RT



DC Inverter Modular Air-cooled
Scroll Chiller 35-130kW



LMVE Series VFD Air-cooled
Screw Chiller 82-407RT



LHE Series Fixed Speed
Water-cooled Screw Chiller 115-641RT



GMV (VRF System)
8-128HP



Integral ATW Heat Pump
Water Heater 1.5kW



Light Commercial
3.5-60kW



Rooftop Packaged Unit
3-30Ton



Close Control Air Conditioner
5.5-100kW



VERSATI IV Monobloc
Water Heater 4-16kW



Elevator Air Conditioner
2.5kW/3.4kW



Terminal
340-50,000 m³/h

**BOOTH
5N366, Hall 5**

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EXHIBITION DATE	TIME
18 & 19 SEPT 2024, WEDNESDAY & THURSDAY	10AM – 6PM: (TRADE DAYS)
20 & 21 SEPT 2024, FRIDAY & SATURDAY	10AM – 6PM: (TRADE, PUBLIC & STUDENT DAYS)

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