

ApexOne presents DEA Summit 2024 for you who are interested in exploring the future of energy through innovation, digital transformation, and sustainable practices.



REGISTRATION:

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[www.deasummit.com](http://www.deasummit.com)



# 2024 DIGITAL ENERGY ASIA SUMMIT

## 5th - 6th NOVEMBER 2024

The Digital Energy Asia Summit returns for 2024, gathering industry expert from across the region to discuss the future of energy through innovation and digital transformation.



**Sharul A. Rashid**

DEAS 2024 Technical Chair  
ISA President, Malaysia Section  
Specialist Technical Excellence,  
PETRONAS

**FIND OUT MORE** 

For Speaking opportunity & Sponsorship:

Mr Vijay / +60 12-284 7040  
[vijay@ezra-macquarie.com](mailto:vijay@ezra-macquarie.com)



# 2024 DIGITAL ENERGY ASIA SUMMIT

## Brilliance at Basic Towards Digital Transformation in era of AI and Sustainability

Dear Industry Professionals,

Throughout my entire working life, it has been my desire to 'connect aspiring young professionals with industry leaders and experts.

I am very thankful to the panelist, presenters and in particular our overseas friends who have agreed to share their knowledge & expertise in Digital Transformation , Industry 4.0, AI, Sustainability, Cybersecurity etc in the 2nd Digital Energy Asia Summit (DEAS) 2024, 5th & 6th November, Intercontinental Hotel, Kuala Lumpur.

For our young professionals, DEAS presents a great opportunity to enrich your knowledge and be connected with industry captains.

I would personally encourage you to participate in the 2nd DEAS 2024. For more information you can contact Mr Vijay ( [vijay@ezra-macquarie.com](mailto:vijay@ezra-macquarie.com) )

Best Regards,

A handwritten signature in black ink, appearing to read 'Sharul A. Rashid'.



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### Date

5th - 6th November 2024

### Time

8.30 AM - 5.30 PM

### Location

Corus Hotel Kuala Lumpur

## WHY ATTEND?

Join the leading minds in the energy sector at the Digital Energy Asia Summit 2024, 1.5 day event dedicated to shaping the future of energy through innovation, digital transformation, and sustainable practices. This summit is designed for industry professionals, government leaders, academic researchers, and technology innovators committed to enhancing the reliability, security, and efficiency of energy operations across Asia.

### MEET OUR SPEAKERS



#### Professor Emerita Datuk Dr. Asma Ismail

Vice-Chancellor and CEO of IMU University and Immediate Past President of Academy of Sciences Malaysia



#### Ahmad Rizal Mohamed

Principal (Reliability Engineering), PETRONAS



#### Fairuz Yahaya

Board Member, MOGSC



#### Chai Kah Ming

Certified SIRI & COSIRI Assessor, Head of Digital Innovation Consulting, Yokogawa



#### Smitha Rao

Expert in OPC UA for the energy industry



#### Asrul Hazimin

Custodian (Piping), PETRONAS

SEE NEXT PAGE FOR MORE SPEAKERS & AGENDA

## WHAT TO EXPECT

- Keynote Sessions from industry experts, thought leaders, and innovators discussing the latest advancements in energy management, plant reliability, AI-driven sustainability, and the role of cyber security in process safety.
- Panel Discussions & Roundtables focusing on critical topics such as human-capital management, digital twins for energy efficiency, and bridging the gap between universities, government, and industries to future-proof our workforce.
- Innovative Case Studies on cutting-edge technologies like OPC UA, additive manufacturing, and edge analytics, driving optimization and sustainability in the energy sector.



# 2024 DIGITAL ENERGY ASIA SUMMIT

## PROGRAM OVERVIEW

Day 1: 5th November 2024

**08:30-09:00: Registration & Coffee**

**09:00-09:30: Welcome Opening**

Sharul A-Rashid, Specialist Technical Excellence, PETRONAS & President ISA Malaysia, Technical Chairman

**09:30-10:00: Keynote Address: Nextgen Connectivity Technology for Energy Industry**

Smitha Rao, OPC Expert, OPC Foundation, Co-Founder of Utthunga

**10:00-10:30: Digital Transformation Journey - The first step towards Industry 4.0**

Chai Kah Ming, Certified SIRI & COSIRI Assessor, Head of Digital Innovation Consulting, Yokogawa

**10:30-10:45: Market Report**

Rystad Energy

**10:45-11:00: Coffee Break**

**11:00-11:25: Technology Scanning Value Proposition towards successful Digital transformation**

Azrol Syazli A Aziz, Technical Intelligence (TI), TDEX, PETRONAS

**11:25-11:50: Digitally advancing remote operations by creating possibilities anywhere**

Manveer Singh, Senior Account Manager, Marlink EEG APAC

**11:50-12:15: Industrial 5G Deployment at critical asset - PETRONAS Success Story**

Anuar Isa, Principal Engineer (Telecommunication), PETRONAS

**12:15-12:40: AI for Operational Excellence - Part 1**

Fairuz Yahaya, Board Member, MOGSC

**12:40-13:05: AI for Operational Excellence - Part 2**

Jagadish Gattu, Founder & CEO, UptimeAI Inc., California, USA

**13:05-14:00: Networking Lunch**

**14:05-14:30: Malaysia Cyber Security Bill 2024 and its Impact on OT End Users**

En. Wan Roshaimi bin Wan Abdullah, Chief Technology Officer, CyberSecurity Malaysia

**14:30-15:15: Panel Session 1: Cyber Security for asset protection at the age of AI and Sustainability**

Moderator: Ir Michael Ng Chien Han, Principal (Instrumentation & Control), PETRONAS

Panelist 1: Fazaly Ali, Principal Process Safety, PETRONAS; Panelist 2: Dr Amir A Samad, Chief Information Officer, Group Digital, PETRONAS; Panelist 3: Jaco Benadie, Partner, Ernst & Young Consulting Sdn Bhd; Panelist 4: Cyber Security Malaysia; Panelist 5: Fairuz Yahaya, Board Member, MOGSC

**15:15-15:30: Coffee Break**

**15:30-16:15: Special Address by Professor Emerita Datuk Dr. Asma Ismail, Vice-Chancellor and CEO of IMU University and Immediate Past President of Academy of Sciences Malaysia - "Nurturing NextGeneration Industry-Ready Talent"**

**16:15-16:45: Safety Critical Equipment Management in new era - The challenges**

Annas Eskandre Ahmad, Senior Manager (Process Safety Risk Management) / Amirzudin Mizuar, Principal (Process Safety), PETRONAS

**16:45-17:15: Collation of Big Data on Integrity and Reliability, Towards a Superior Asset Performance**

Faiz Sahri, Principal (Reliability Engineering), PETRONAS

**17:15-17:30 Recap of the Day**

*Note: This program may be subjected to alterations and additions.*



# 2024 DIGITAL ENERGY ASIA SUMMIT

## PROGRAM OVERVIEW

**Day 2: 6th November 2024**

**08:30-09:00: Registration & Coffee**

**09:00-09:30: Keynote Address - Modern Approaches to Plant and Facility Reliability**

*Rystad Energy*

**09:30-10:00: Human-Capital Management and Reliability Leadership**

*Ahmad Rizal b Mohamed - Principal (Reliability Engineering), PETRONAS*

**10:00-10:30: Digital Twin and Energy Management and Efficiency in Industrial Operations**

*Steven Kratsis, Akseos Limited, VP Sales Asia Pacific*

**10:30-11:00: Additive Manufacturing - Optimizing spare parts for sustainable value chain and asset reliability**

*Asrul Hazimin b Mohamad, Custodian (Piping), PETRONAS*

**11:00-11:30: Coffee Break**

**11:30-13:00: Panel Session 2: Back to Basic in Reliability Asset Excellence at the age of AI and Sustainability**

*Moderator: Ahmad Rizal Mohamed;*

*Panelist 1: Steven Kratsis; Panelist 2: Asrul Hazimin; Panelist 3: Faiz Sahri - Principal (Reliability Engineering), PETRONAS;*

*Panel 4: RystadEnergy; Panel 5: Ir. Ts. Dr. Mohd Shamsuri Khalid, Director, Creative Artificial Intelligence, Faculty of*

*Artificial Intelligence, Universiti Teknologi Malaysia; Panel 6: Dr. Afnizanfaizal Abdullah, General Manager for Technology*

*Commercialisation, Malaysian Research Accelerator for Technology & Innovation (MRANTI)*

**13:00-13:05: Closing Address by Technical Chairman**

**13:05-14:00: Networking Lunch**

**14:00-17:00: ISA Malaysia Meeting (for ISA members only)**

**REGISTER NOW**



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**DON'T MISS THIS OPPORTUNITY TO BE PART OF ASIA'S PREMIER DIGITAL ENERGY SUMMIT.**

The Digital Energy Asia Summit 2024 offers unparalleled opportunities for you to engage with thought leaders in the energy sector through various networking sessions, coffee breaks, and panel Q&A discussions.



**Early Bird Registration  
Save Up to 20%!**

 **EARLY BIRD PASS      USD 500.00**

Secure your spot at the DEAS 2024 Conference at a discounted rate. **Get USD 200 OFF till 15 October 2024.** Register now and take advantage of our Early Bird Pass!

 **STANDARD PASS      USD 700.00**

 **GROUP PASS      USD 650.00**

This option is available for groups of 3 or more colleagues from the same organisation.

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**Elevate your brand's visibility and showcase your expertise to a targeted audience of hydrogen and energy professionals.**

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**REGISTER NOW**



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## SPONSORSHIP OPPORTUNITIES

### SILVER SPONSORSHIP

**USD 2,500**

- Prominent display of company name and logo on the conference website with a link to your company website
- Prominent display of company name and logo in the conference guide
- 2 Complimentary Standard Passes to attend the event
- A special mention during the opening ceremony

### GOLD SPONSORSHIP

**USD 3,500**

All benefits of Silver Sponsorship, plus:

- Prominent display of company name and logo on other printed marketing materials
- Option to place two inserts in the official conference tote bag distributed to all delegates at registration
- Advertisement in the conference guide (one full page)
- 2 Complimentary Standard Passes to attend the event (Total of 4 Complimentary Passes)

### PLATINUM SPONSORSHIP

**USD 5,000**

All benefits of Gold Sponsorship, plus:

- Prominent display of company name and logo on other printed marketing materials
- Option to place two inserts in the official conference tote bag distributed to all delegates at registration
- Advertisement in the conference guide (one full page)
- 3 Complimentary Standard Passes to attend the event (Total of 5 Complimentary Passes)

### COFFEE BREAK SPONSORSHIP

**USD 4,000**

All benefits of Gold Sponsorship, plus:

- Prominent display of company name and logo on other printed marketing materials
- Option to place two inserts in the official conference tote bag distributed to all delegates at registration
- Advertisement in the conference guide (one full page)
- 2 Complimentary Standard Passes to attend the event (Total of 4 Complimentary Passes)

### LUNCHEON SPONSORSHIP

**USD 6,000**

All benefits of Gold Sponsorship, plus:

- Prominent display of company name and logo on other printed marketing materials
- Option to place two inserts in the official conference tote bag distributed to all delegates at registration
- Advertisement in the conference guide (one full page)
- 4 Complimentary Standard Passes to attend the event (Total of 6 Complimentary Passes)



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