



PERSATUAN BROKER-BROKER INSURANS DAN TAKAFUL MALAYSIA
MALAYSIAN INSURANCE AND TAKAFUL BROKERS ASSOCIATION

3 CPD HOURS
2 SEATS PER MEMBER
Physical

Critical Investigations: From Fraud and Fire to Switchgear Failures

3 September 2025
Wednesday

9:30AM - 12:30PM
MITBA Secretariat Office
Unit 303, Block A,
Pusat Dagangan Phileo Damansara 2, PJ

PROGRAMME

9:15 AM - 9:30 AM	Arrival & Registration
9:30 AM - 10:45 AM	Ms Ler Lien Jia, Assistant Head of Department and Senior Forensic Consultant Fraud Fire Investigation
10:45 AM - 11:00 AM	Break
11:00 AM - 12:15 PM	Mr Jagannath, Forensic Engineer Understanding Switchgear Failure
12:15 PM - 12:30 PM	Q&A
12:30PM	End

SYNOPSIS

This seminar delves into fraud and fire investigation, showcasing how advanced tools like drones, simulations, and 3D modelling merge technology with technical grit to uncover the truth. Participants will learn cutting-edge methods to detect fraudulent claims, reconstruct fire incidents, and identify root causes with precision. The second session focuses on understanding switchgear failure, exploring common failure modes, diagnostic techniques, and preventive strategies to ensure electrical system reliability. Together, these sessions equip professionals with the investigative and technical expertise to safeguard operations, minimise risk, and strengthen safety protocols.

TARGET AUDIENCE

Insurance Industry dealing with Large Losses

ABOUT THE SPEAKERS



Ler Lien Jia is the Assistant Head of Department and Senior Forensic Consultant at Approved Group International (AGI), currently stationed in Indonesia. Over the past two years, she has led the team's expansion from a one-person unit to a thriving team of ten, spearheading fire and explosion investigations across sectors such as electronics, chemicals, automotive, semiconductors and manufacturing. She holds a Bachelor of Science (Hons.) in Forensic Science and is certified by both NAFI (CFEI) and IAAI (FIT). Lien Jia specializes in identifying fire origins - from arson and electrical faults to spontaneous combustion - using rigorous, evidence-based techniques. Her expertise extends to motor vehicle accident reconstruction, failure analysis, and chemical interpretation, and she has testified as an expert witness in Malaysia's High Court. A member of numerous professional bodies including IFE, IKM, and FSSM, Lien Jia brings deep technical insight and cross-border experience to every investigation she leads.

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Closing Date
28th August 2025, Thursday, 12:00 PM



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ABOUT THE SPEAKERS

Jagannath is a Forensic Engineer at Approved Group International (AGI) with over 9 years of experience in electrical systems and renewable energy infrastructure. Specializing in wind and solar energy, he has led large-scale projects exceeding 1300MW and overseen the commissioning of over 1500 km of high-voltage lines and hundreds of substations across India and Southeast Asia. Jagannath is often brought into complex, high-stakes cases where his expertise leads to the repudiation of inflated claims – especially in the renewable sector. His investigation portfolio spans transformer explosions, battery failures, inverter malfunctions, and telecom power system faults. Now based in Malaysia, he brings unmatched insight into forensic failures in solar farms, wind turbines, and high-voltage systems. With deep knowledge of NFPA 921, SCADA systems, and substation automation, Jagannath combines field-tested engineering with forensic precision to get to the facts – no matter how complex the case.



KEY TAKEAWAYS

TOPIC 1

- Master Modern Investigation Tools
- Detect Fraud with Precision
- Reconstruct Fire Incidents Accurately
- Ensure Legally Defensible Findings

TOPIC 2

- Identify Common Failure Modes
- Apply Effective Diagnostic Techniques
- Implement Preventive Maintenance Strategies
- Enhance System Safety & Reliability

APPROVED GROUP
INTERNATIONAL

Approved Group International (AGI) is the largest forensic investigation and disaster restoration firm in Asia, trusted for solving complex fire, explosion, machinery failure, damage assessment, and disaster restoration cases with cutting-edge technology. From drone imaging, 3D digital twins, and chemical analysis to advanced diagnostics, AGI blends science and technology to uncover the facts.

We handle over 70% of forensic investigation & restoration cases in Malaysia and more than 50% in Indonesia, with active operations across Australia, Singapore, Thailand, India, the Philippines, and beyond. Our certified experts support reinsurers, insurers, loss adjusters, and brokers worldwide – delivering clarity, credibility, and cost-effective solutions.



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