

IEEE Dielectrics and Electrical Insulation Society (DEIS)

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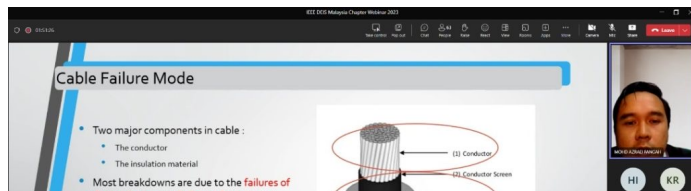
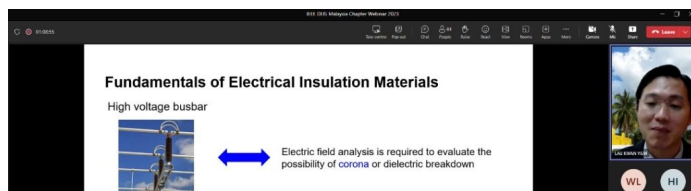
IEEE Malaysia Outstanding Small Chapter

The IEEE Malaysia Section organized an Inspiration Night 2023, graced by the presence of the guest of honor, YB Datuk Arthur Joseph Kurup, Deputy Minister of Science, Technology, and Innovation (MOSTI). The dinner was a prestigious event that brought together professionals and experts in various engineering and technology fields. During the event, outstanding individuals and organizations were recognized and honored for their significant contributions to the industry. The highlight of the evening was the presentation of awards to deserving recipients who have made remarkable achievements in their respective areas of expertise, making it a memorable and inspiring celebration of excellence in the IEEE community. The IEEE Dielectrics and Electrical Insulation Society (DEIS) Malaysia Chapter has achieved a significant milestone by being awarded the prestigious 2022 IEEE Malaysia Outstanding Small Chapter Award with great pride. Congratulations to the DEIS Malaysia Chapter Team for their unwavering dedication, which has led to us receiving this award.



Webinar: Advancement in Electrical Insulation for HV Equipment

On September 13, 2023, the IEEE Dielectrics and Electrical Insulation Society organized a webinar titled “Advancements in Electrical Insulation for HV Equipment”. The event featured three distinguished speakers. Associate Professor Eur. Ing. Ir. Ts. Dr. Lau Kwan Yiew from Universiti Teknologi Malaysia, Ir. Ts. Mohd. Azraei bin Pangah @ Pa’at from TNB Research Sdn. Bhd. Shared, and Mr. Muhammad Rasyidi bin Zainal Abidin from TNB (Distribution Network). The webinar attracted approximately 63 participants, primarily composed of engineering students, lecturers, and professionals from various related industries. The webinar also served as a platform for DEIS to promote the society and its activities, in order to encourage more membership from the public and those interested in the areas of dielectrics and electrical insulation for high voltage applications.



Classification of The Condition of Oil In Service (IEC 60422)

Property	Transformer Category	Limits		
		Good	Fair	Poor
Colour & Appearance	All	Clear & no visible contamination	Medium	Dark and/or turbid
	> 170 kV	> 60	50 - 60	< 50
Breakdown Voltage (kV)	72.5 kV - 170 kV	> 50	40 - 50	< 40
	< 72.5 kV	> 40	30 - 40	< 30