

IEEE Malaysia Section Newsletter

IEEE Dielectrics and Electrical Insulation Society (DEIS)

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IEEE DEIS Malaysia Chapter 2018 AGM

The 2018 Annual General Meeting (AGM) of IEEE DEIS Malaysia Chapter was successfully held on 8th February 2018 at Universiti Putra Malaysia (UPM), Selangor.

The meeting was attended by active members of IEEE DEIS Malaysia Chapter. The meeting began with a welcoming address by the 2017 Chapter Chair, endorsement of 2017 AGM meeting minutes, 2017 Chapter activities report, 2017 Chapter account report, dissolution of 2017 committee members and election of 2018 committee members.

The elected IEEE DEIS Malaysia Chapter committee members for 2018 are as follows:

Chair: Ir. Dr. Lau Kwan Yiew

Vice Chair: Assoc. Prof. Ir. Dr. Mohamad Kamarol Mohd Jamil

Secretary: Assoc. Prof. Ir. Dr. Hazlee Azil Illias

Treasurer: Ir. Dr. Nor Asiah Muhamad

Executive Committee:

Assoc. Prof. Dr. Hidayat Zainuddin

Assoc. Prof. Ts. Dr. Muzamir Isa

Assoc. Prof. Dr. Azrul Mohd Ariffin

Assoc. Prof. Dr. Mohd Taufiq Ishak

Dr. Norhafiz Aziz

The meeting was continued with the appointment of 2018 auditors, address by the 2018 Chapter Chair and finally, a brief discussion on activity plans in 2018. The planned activities are journal writing workshop, route to professional registrations for academicians workshop, membership drive, dielectric tutorial, industrial talks and industrial visits.



IEEE DEIS Malaysia Chapter 2018 AGM



Laboratory demonstration on solid dielectric breakdown test

Laboratory Demonstration on Solid Dielectric Breakdown Test

In conjunction with the Short Course on High Voltage Engineering held at the Institute of High Voltage and High Current (IVAT), Universiti Teknologi Malaysia, the Chair of the IEEE Dielectrics and Electrical Insulation Society (DEIS) Malaysia Chapter, Ir. Dr. Lau Kwan Yiew, conducted a laboratory demonstration session on solid dielectric breakdown test with the participants of the short course on 1st March 2018.

As part of the DEIS Malaysia Chapter's effort to promote research and development in solid dielectrics, the participants were shown on how to prepare thin film solid samples for breakdown testing. Apart from having the opportunity to prepare thin film samples, the participants also had the chance to conduct breakdown testing with each sample sandwiched between two spherical electrodes immersed in transformer oil. The findings of the experiment were then related to the concept and theory of solid breakdown which the participants learned during the short course. Meanwhile, the participants were made aware of the presence of the IEEE DEIS (and its Malaysia Chapter) and Malaysian High Voltage Network (MyHVnet) that promote networking among their members on high voltage related matters.

On behalf of the IEEE DEIS Malaysia Chapter, Ir. Dr. Lau wishes to thank the Director of IVAT for allowing the use of IVAT's facilities to demonstrate the solid dielectric breakdown test to the participants.

Prepared by Ir. Dr. Lau Kwan Yiew