



V-Electrical 2023

4th Edition of

**Electronics and Electrical
Engineering**

Virtual

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Webinar
TimingsSpeakers
Timings

07:00 – 07:10

Introduction

07:10 – 07:45

15:10 – 15:45

K

Title: Empowering Sustainability through Energy Storage and Electric Mobility

Afida Ayob, The National University of Malaysia, Malaysia.

07:45 – 08:20

15:45 – 16:20

K

Title: Energy-Efficient Trajectory Optimization for UAV-Assisted IoT Networks

Liang Zhang, KAUST, China.

08:20 – 08:55

16:20 – 16:55

K

Title: A Powerful Tool For High-Efficient Heat Flux Dissipation in Electronic Devices

Bin Chen, Xi'an Jiaotong University, China.

08:55 – 09:30

16:55 – 17:30

K

Title: Smart Garment's 5G Wearable Antenna

Wee Fwen Hoon, Universiti Malaysia Perlis, Malaysia.

09:30 – 10:05

17:30 – 18:05

K

Title: Hybrid Distributed Fiber Sensing Schemes for Multiple Parameters Monitoring

Shien-Kuei Liaw, National Taiwan University of Science and Technology, Taiwan.

10:05 – 10:40

18:05 – 18:40

K

Title: Hybrid Distributed Fiber Sensing Schemes for Multiple Parameters Monitoring

Noormaizatul Akmar binti Ishak, Universiti Malaysia Perlis, Malaysia.

10:40 – 11:15

18:40 – 19:15

K

Title: Revolutionizing Ocular Health with Digital Image Processing

Wan Mimi Diyana Wan Zaki, National University of Malaysia, Malaysia.

11:15 – 11:50

19:15 – 19:50

K

Title: Empowering Optoelectronics with Low Operating Power

Nurul Ashikin Binti Daud, Universiti Teknologi Malaysia, Malaysia.

11:50 – 12:25	19:50 – 20:25	K	Title: Hybrid Energy Storage for Virtual Inertial Support in Wind Application Norzanah Rosmin, Universiti Teknologi Malaysia, Malaysia.
12:25 – 13:00	20:25 – 21:00	K	Title: Recent Advancements in Piezoelectric Wearable Energy Harvesters on Textile Anis Nurashikin Nordin, International Islamic University Malaysia,
13:00 – 13:35	21:00 – 21:35	K	Title: Efficiency Enhancement in Cu ₂ ZnSnS ₄ Solar Cells with ZnSnO Buffer Layer and Low-Cost ITO Back Contact Huda Abdullah, Universiti Kebangsaan Malaysia(UKM), Malaysia.
13:35 – 14:10	14:35 – 15:10	K	Title: Controlling the Heating of Electronic Circuits through elastocaloric cooling: the CHECK TEMPERATURE device Adriana Greco, University of Naples Federico II, Italy.
14:10 – 14:45	09:10 – 09:45	K	Title: Carbon Nanotubes (CNTs) Produced from Natural Cellulosic Materials Said Salah Eldin Elnashaie, University of Waterloo, Canada.
14:45 – 15:20	17:45 – 18:20	K	Title: Reconstruction of a Band Limited Signal Sampled Slower than the Nyquist Rate Using AM Modulated Version of the Signal Hüseyin Canbolat, Ankara Yildirim Beyazit Univ, Turkiye.
15:20 – 15:55	16:20 – 16:55	K	Title: Simulation studies and mathematical modeling of modern aircraft eclectic power generators Rafał Kowalik, Military University of Aviation, Poland.
15:55 – 16:30	10:55 – 11:30	K	Title: Kaala 2.0: Scalable IoT/NextG System Simulator Udhaya Kumar Dayalan, Trane Technologies, USA.

Closing Ceremony