



# V-Electrical2024

**5<sup>th</sup> Edition of**

**Electronics and Electrical  
Engineering**

**Virtual**

**May 03, 2024**

---

**Contact us:**

Contact: +91 9440424355

E-mail: [v-electrical2024@sciwideonline.com](mailto:v-electrical2024@sciwideonline.com)

Website: <https://www.sciwideonline.com/v-electrical2024/>



Webinar  
Timings

Speakers  
Timings

07:00 – 07:10

Introduction

07:10 – 07:45

15:10 – 15:45 K

Title: Analyzing Non-Linear Feedback Systems with Noisy Inputs

**Pavel Loskot, Zhejiang University, China.**

07:45 – 08:20

15:45 – 16:20 K

Title: New Challenges in Multilevel Inverter in Renewable Energy Integration

**Shahrin Bin Md Ayob, Universiti Teknologi Malaysia, Malaysia.**

08:20 – 08:55

16:20 – 16:55 K

Title: Tapered Angle Microfluidic Device For Cell Separation Using Hydrodynamic Principle

**Mohd Ridzuan bin Ahmad, Universiti Teknologi Malaysia, Malaysia.**

08:55 – 09:30

16:55 – 17:30 K

Title: Prospects of Power Generation from Low-Head Low-Flow Water Resources Through Pico-Hydro System Using Z-Blade Reaction Type Turbine

**Mohd Farriz Basar, Universiti Teknikal Malaysia Melaka, Malaysia.**

09:30 – 10:05

17:30 – 18:05 K

Title: Noise Removal of Corrosion Image in Marine Structures

**Shahrizan Jamaludin, Universiti Malaysia Terengganu, Malaysia.**

10:05 – 10:40

18:05 – 18:40 K

Title: Design & Innovation of Flux Switching Machine: A Review

**Erwan Bin Sulaiman, Universiti Tun Hussein Onn Malaysia, Malaysia.**

10:40 – 11:15

18:40 – 19:15 K

Title: Potentials of Nanocellulose Fiber and reduced Graphene oxide composite as electrode for green supercapacitors

**Dzun Noraini Jimat, Islamic University Malaysia, Malaysia.**

11:15 – 11:50

19:15 – 19:50 K

Title: Flexible Metamaterial-Based Antenna for Medical Microwave Imaging and Wireless Body Area Networks

**Zahriladha Zakaria, Universiti Teknikal Malaysia Melaka, Malaysia.**

11:50 – 12:25	17:20 – 17:75	K	Title: Integration of Artificial Intelligence for Psychiatric Disorders <b>Kishore Balasubramanian, Mahalingam College of Engineering and Technology, India.</b>
12:25 – 13:00	20:25 – 21:00	K	Title: Hybrid Distributed Fiber Sensing Schemes for Multiple Parameters Monitoring <b>Shien-Kuei Liaw, National Taiwan University, Taiwan.</b>
13:00 – 13:35	21:00 – 21:35	K	Title: Design Automation of Power Converters by AI <b>Man-Hay Pong, National Taiwan University of Science &amp; Technology, Taiwan.</b>
13:35 – 14:10	09:35 – 10:10	K	Title: Unraveling the Synergy Between Deep Learning and Wave Phenomena <b>Habib Hamam, Université de Moncton, Canada.</b>
14:10 – 14:45	08:10 – 08:45	K	Title: Fine Measurements of Field Torsion and Its Spectra II <b>Francisco Bulnes, Tecnológico de Estudios Superiores de Chalco, Mexico.</b>
14:45 – 15:20	10:45 – 11:20	K	Title: Contactless Magnetic Sensing in Condition Monitoring and Anomaly Detection for Smart Grid: New Possibilities and Alternatives <b>Philip Pong, New Jersey Institute of Technology, USA.</b>
15:20 – 15:55	11:20 – 11:55	K	Title: Design and Implementation of a Smart Agricultural Robot bulldOG <b>Hovannes Kulhandjian, California State University, U.S.A.</b>
15:55 – 16:30	11:55 – 12:30	K	Title: New Way to Make Solar Sells More Productive <b>Samson Mil'Shtein, University of Massachusetts Lowell, U.S.A.</b>
16:30 – 17:05	12:30 – 13:00	K	Title: UAS Assembly and Assessment Training Using Virtual Reality <b>Mohammad F Obeid, Shenandoah University, U.S.A.</b>

**Closing Ceremony**



# V-Electrical2024 wish to thank

Prof. Dr. Francisco Bulnes

---

Tecnológico de Estudios Superiores de Chalco, México

---

for his worthy Keynote presentation at  
*“5<sup>th</sup> Edition of Electronics and Electrical  
Engineering Virtual”*  
held on May 03, 2024

*Pavel Loskot*  
Prof. Pavel Loskot  
Zhejiang University, China