



**IEEE POWER
ELECTRONICS SOCIETY**
Powering a Sustainable Future

February 2023 e-Newsletter

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Upcoming Webinars



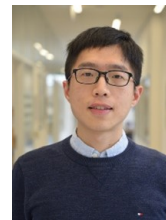
Presenter:
Binesh Kumar
Atom Power Inc.
United States

**Electric Vehicle Charging Based
on Solid State Circuit Breaker
Technology**

**Thursday, 2 March 2023
12:00 PM ET**

*This webinar is sponsored by the IEEE
Transportation Electrification Community*

[Register Here](#)



Presenter:
Heng Wu
AAU Energy
Denmark

**Transient Stability of Grid-forming
Voltage-source Converters**

**Tuesday, 14 March 2023
10:00 AM ET**

*This webinar is sponsored by the IEEE
Power Electronics Society Technical
Committee on Electronic Power Grid
Systems*

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Presenter:
Jonas Kristiansen Nøland
Norwegian University of Science and
Technology (NTNU)
Norway

**Disruptive Technological
Developments needed to scale up
Zero-emission Aviation Beyond
2035**

**Tuesday, 28 March 2023
9:00 AM ET**

*This webinar is sponsored by the IEEE
Power Electronics Society Technical
Committee on Electronic Aerospace Power*

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Presenter:
Omid Beik
North Dakota University
United States

All-DC Wind Generation Systems

**Wednesday, 5 April 2023
11:00 AM ET**

*This webinar is sponsored by the IEEE
Power Electronics Society Technical
Committee on Electronic Power Grid
Systems*

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**MOTOR DRIVE CONTROL
RAPID PROTOTYPING
from Matlab® Simulink®**



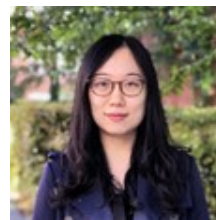
Presenters:
Zhichao Luo & Teng Long
University of Cambridge
United Kingdom

**Research on the Performance of
the Fe Based Nanocrystalline Core
in the Inductive Power Transfer
System**

**Thursday, 20 April 2023
10:00 AM ET**

*This webinar is sponsored by the IEEE
Power Electronics Society Technical
Committee on Wireless Power Transfer
Systems*

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Presenter:
Qianwen Xu
KTH Royal Institute of Technology
Sweden

**Advanced Control, Optimization
and Digitalization of Sustainable
Power and Energy Systems**

**Thursday, 18 May 2023
10:00 AM ET**

*This webinar is sponsored by the IEEE
Power Electronics Society Technical
Committee on Sustainable Energy Systems*

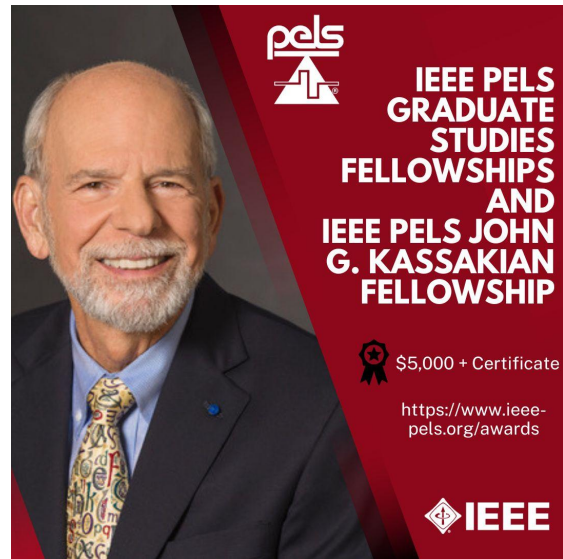
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Submit Now for 2023!



**IEEE PELS Graduate Studies
Scholarships and IEEE PELS Jan
Abraham "Braham" Ferreira
Scholarship**

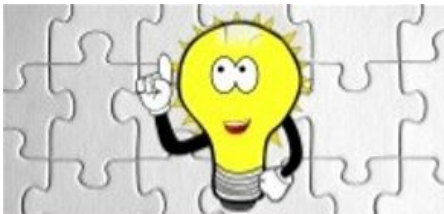
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**IEEE PELS Graduate Studies
Fellowships and IEEE PELS
John G. Kassakian Fellowship**

[Submit your Nomination](#)

Join in the fun and test your knowledge with a PELS monthly Crossword Puzzle



The IEEE PELS Digital Media & Education Committee launched a new series in October which is comprised of monthly quizzes, brain-teasers and crossword puzzles that are related to the fields of interest of the society.

To access the monthly puzzle one needs to register via the IEEE PELS Website and submit their solutions within 12 hours of their first access to the puzzle page.

All submissions containing the correct answers to the puzzle will be entered into a drawing to win prizes which will be mailed worldwide. All winners will be recognized on the PELS webpage.

[Click here to join the fun!](#)

THE POWER ELECTRONICS SOCIETY AWARD SUBMISSION SITE IS NOW OPEN

DO YOU KNOW A MEMBER THAT SHOULD BE
RECOGNIZED FOR OUTSTANDING WORK IN THE
POWER ELECTRONICS FIELD

FOR MORE DETAILS VISIT:
[HTTPS://WWW.IEEE-PELS.ORG/AWARDS](https://www.ieee-pels.org/awards)

PAPER SUBMISSION DEADLINE:
31 MARCH 2023

Welcome! PELS Chapters & Student Branch Chapters

- IEEE Nigeria Section, Power Electronics Society Chapter



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