



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

## January 2023 e-Newsletter

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## Upcoming Webinars



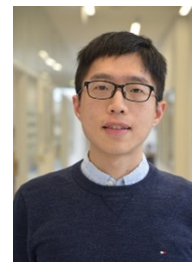
**Presenter:**  
Arun Kumar Verma  
MNIT Jaipur  
India

### **Design and Development of an Efficient EV Chargers**

**Thursday, 9 February 2023  
10:00 AM 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*

[Register Here](#)

[Visit the PELS Website  
for additional webinars](#)

[Visit the TEC Website for additional  
webinars](#)

# 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

## **NEW in 2023!!!**

- IEEE PELS Graduate Studies Scholarships and IEEE PELS Jan Abraham "Braham" Ferreira Scholarship
- IEEE PELS Graduate Studies Fellowships and IEEE PELS John G. Kassakian Fellowship
- IEEE PELS Outstanding Achievement Award on Aerospace Power
- IEEE PELS Young Professional Exceptional Service Award
- IEEE PELS Electrical Machines, Drives and Related Automation Technical Achievement Award

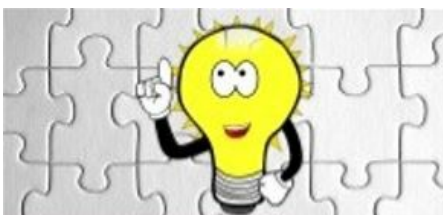
## **Established PELS Awards**

- IEEE PELS R. David Middlebrook Achievement Award
- Richard M. Bass Outstanding Young Power Electronics Engineer Award
- IEEE McMurray Award for Industry Achievements in Power Electronics
- IEEE PELS Harry A. Owen, Jr. Distinguished Service Award
- IEEE Power Electronics Society Best Chapter
- IEEE Power Electronics Society Best Student Branch Chapter
- IEEE PELS Ph.D. Thesis Talk Award (P3 Talk)
- IEEE PELS Energy Storage Innovation Award
- IEEE Modeling and Control Technical Achievement Award
- IEEE PELS Sustainable Energy Systems Technical Achievement Award
- IEEE PELS Award for Achievement in Power Electronics Standards
- IEEE Power Electronics Emerging Technology Award
- IEEE PELS Vehicle and Transportation Systems Achievement Award
- IEEE PELS Technical Achievement Award for Integration and Miniaturization of Switching Power Converters
- IEEE PELS Award for Achievements in Power Electronics Education

*Open now and accepting submissions until 31 March 2023*

[Click here for more details](#)

## **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!](#)

## Welcome! PELS Chapters & Student Branch Chapters

- Sutcu Imam University, PEL35
- IEEE Cincinnati Section Industry Applications, Power & Energy, and Power Electronics Joint Societies Chapter



## Design Methodologies Conference 2023 24-26 September 2023 / Miami, Florida

The IEEE Power Electronics Society is hosting the Design Methodologies Conference bringing together Design Automation, Artificial Intelligence, Machine Learning, and Cyber-Physical Security methodologies for power electronics applications. The PELS has witnessed a significant and growing interest in advanced Design Methodologies for Power Electronics in recent years, and it has hosted several independent initiatives in the areas of Design Automation, Cybersecurity, and Artificial Intelligence/Machine Learning and, consequently, the time has come to make a crucial, decisive step forward and organize a single specialized conference dedicated to these emerging concepts.



For more details, see the Call for Papers page here or download it [here](#).

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