

## Society E-newsletter

May 2024

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## **Summer School Registration is Open**

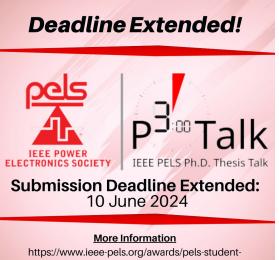
Registration is still open for the 2nd edition of the Summer School on "Electrical Machines and Drives for Green Transportation Systems" which will take place from 24 to 28 June 2024 at the "Enzo Ferrari" Department of Engineering in Modena, Italy. This school will include lectures, seminars, and live demonstrations dedicated to the changing and thriving world of transportation electrification as well as social events and cultural excursions, such as the Ducati factory tour (a sole supplier of the electric class of MotoGP).

This event is open to young researchers and PhD students to exchange experiences and technical information about their projects, attend lectures, and meet representatives from top industries in the transportation field. PhD students who participate will be awarded 5 ECTS credits from their doctoral school after passing an evaluation. Engineers from industry are also welcomed since it is an opportunity to stay updated with the latest research in electric transportation.

This school is organized by the University of Modena and Reggio Emilia - UniMoRe in cooperation with MUNER - The Motorvehicle University of Emilia-Romagna, IEEE IES, IEEE PELS, and the DORNA Project.



P3 Talk Deadline Extended



awards/pels-p3-talk

### Call to Promote EBL



Please promote the Empower a Billion Lives (EBL) Global Challenge through your networks and consider lending your expertise to this PELS Humanitarian Program. If your company has a Corporate Social Responsibility program, please consider EBL.

Team registration is now open at www.empowerabillionlives.org. If you would like more information on how to get involved, please send an email to billionlives@ieee.org.

## **PELS Day**



#### PELS Day is less than a month away!

This year, we will have a special webinar featuring eminent scholar Prof. Thomas Jahns (Univ. of Wisconsin-Madison) and young professional Dr. Joseph Kozak (Johns Hopkins Univ.). Be on the lookout for more information about this exciting event!

#### **Send Your Information**



CHECK WIDE OFFER OF ELECTRONIC COMPONENTS >



## **Upcoming Webinars**

#### Advanced Topics of Model Predictive Control in Power Electronics

Date: Thursday, 30 May
Time: 11:00 AM ET
Sponsor: TC 1
Presenters: Jose Rodriguez and
Cristian Garcia
Univ. San Sebastian, Chile and
Univ. of Talca. Chile

#### Model Predictive Control for Power Electronics Applications

Date: Thursday, 6 June Time: 9:00 AM ET Sponsor: TC 1 Presenter: Marco Rivera Univ. of Nottingham, UK

This webinar will be in Portuguese.



Register

#### MPC in Power Electronics and Drives: 40 Years of Research, Recent Industrial Successes and a Path Forward

Date: Thursday, 13 June Time: 10:00 AM ET Sponsor: TC 1 Presenters: Tobias Geyer ABB, Switzerland



Register



Register





Aluminium Electrolytic Capacitors Screw terminal Type



ELECTRONIC CAPACITORS

## Mitigating Against Cascade and CommonMode Failures in Electric Drive Trains

Date: Thursday, 20 June Time: 10:00 AM ET Sponsor: TC 11 Presenter: Patrick Norman Univ. of Strathclyde, UK

# Environmental Compatibility - A New Key Performance Indicator of Multi-Objective Power Electronics Design

Date: Thursday, 27 June Time: 10:00 AM ET Sponsor: TC 10 Presenter: Jonas Huber and Johann W. Kolar ETH Zurich, Switzerland

#### Medium Voltage Power Electronics Research: Challenges and Opportunities

Date: Wednesday, 3 July Time: 11:00 AM ET Presenters: Drazen Dujic EPFL, Switzerland



Register





Register



Register

## **New PELS Chapters and SBCs**



- Southwest Jiaotong University, PEL35
- Sathyabama Institute of Science & Technology,PEL35

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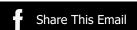
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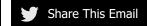


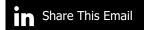












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