

Best Papers and Star Service Awards

THE Editorial Board of the IEEE JOURNAL OF EMERGING AND SELECTED TOPICS IN POWER ELECTRONICS (JESTPE) owes a depth of gratitude and appreciation to the authors who got their papers published in the 2019 editions. After an intensely competitive review of nominated papers by the members of the Editorial Board and some Associate Editors, it is a pleasure to announce the winners of the best papers among those published in the four issues of JESTPE in 2019.

First Place

Daniel Rothmund, Thomas Guillod, Dominik Bortis, and Johann W. Kolar

99% Efficient 10kV SiC-Based 7 kV/400 V DC Transformer for Future Data Centers, in IEEE JOURNAL OF EMERGING AND SELECTED TOPICS IN POWER ELECTRONICS, Vol. 7, No. 2, pp. 753–767, June 2019.

Second Place (Three Winners)

Weston D. Braun and David J. Perreault

A High-Frequency Inverter for Variable Load Operation, in IEEE JOURNAL OF EMERGING AND SELECTED TOPICS IN POWER ELECTRONICS, Vol. 7, No. 2, pp. 706–721, June 2019.

Branislav Stevanovic, Diego Serrano, Miroslav Vasic, Pedro Alou, Jesus Angel Oliver, and Jose Antonio Cobos

Highly Efficient, Full ZVS, Hybrid, Multilevel DC/DC Topology for Two-Stage Grid-Connected 1500-V, PV System with Employed 900-V SiC Devices, in IEEE JOURNAL OF EMERGING AND SELECTED TOPICS IN POWER ELECTRONICS, Vol. 7, No. 2, pp. 811–831, June 2019.

Zhengming Zhao, Don Tan, and Kai Lai

Transient Behaviors of Multiscale Megawatt Power Electronics Systems—Part I: Characteristics and Analysis, in IEEE JOURNAL OF EMERGING AND SELECTED TOPICS IN POWER ELECTRONICS, Vol. 7, No. 1, pp. 7–17, June 2019.

The Editorial Board also recognizes few among the lot of our large number of reviewers from across the world who have treated a large number of papers and provided unassailable recommendations in the course of 2019. We give them the Star Reviewers Awards because of their fantastic performances.

2019 Star Reviewers Award

- 1) Buccella Concettina
- 2) Adam Grain
- 3) Gui Handong
- 4) Lam John
- 5) Alam Kazi Safui

The Associate Editors of JESTPE are very diligent professionals who have found the time to contribute to the increasing growth and success of the journal. One and all have responded quickly and adequately when the needs arise. They are the unseen faces and strength of the journal. The following are the 2019 Star Associate Editors.

2019 Star Associate Editors Award

- 1) Marcos Alonso
- 2) Cristina Fernandez
- 3) Carl Ho
- 4) Lucca Zarri

A major part of the mandate of JESTPE is the publication of special issues and sections on various themes in the field of power electronics. Guest Editors approach the Editorial Board with their proposals, which upon approval take full control of accepting, reviewing, and making decisions of papers to be published. The increasing relevance of the journal is directly attributed to the high-quality papers these colleagues approve for publication. During 2019, the following experts were instrumental to the special sections that appeared in 2019.

2019 Guest Editors Award

- 1) Francesco Iannuzzo
- 2) Gerry Moschopoulos
- 3) John Shen
- 4) Don F. D. Tan
- 5) Mark Dehong Xu
- 6) Zhengming Zhao

Finally, it is with a sense of gratefulness and appreciation that I have been privileged to work with an excellent and technically high-powered Editorial Board, who are giving their time and talents for the advancement of the field of power electronics. Almost every day, they receive papers to treat and, every week, a deadline on the assessment of proposals to meet. I value their humanness, their sense of duty, even under very difficult situations. On behalf of all of us, this is letting them know that they have been appreciated and highly valued. I am personally grateful for their services.

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