

CALL FOR PAPERS



Special Session on Recent Advances in Multilevel Inverters for Renewable Energy Integration

IECON 2018 - The 44th Annual Conference of the IEEE Industrial Electronics Society
October 21-23, 2018, Washington D.C, USA



TOPIC OF THE SPECIAL SESSION

In some applications where high voltage or high currents are required, the switching frequency of the power semiconductors is limited and the use of multilevel converters becomes mandatory in order to get an acceptable power quality. The effort of the researchers and industry has led to a rapid and continual development in this field, such as different multilevel inverter topologies, modulation techniques and control strategies. In addition, other interesting research topics such as the fault tolerant operation, efficiency improvement, optimized control strategies and new applications are also important. We encourage all researchers working in this area to submit papers to this special session.

Topics of the Session

- Multilevel inverters for renewable energy sources
- Topologies modifications applied to multilevel inverters
- Power control and quality management
- MPPT algorithms
- Emerging modulation techniques
- Advanced control methods of grid integration by multilevel inverters

IEEE IES Technical Committee Sponsoring the Special Session:

- Power Electronics

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Author's schedule:

- **Deadline for submission of special session papers**
May 1, 2018
- **Notification of acceptance**
July 15, 2018
- **Deadline for submission of final manuscripts**
August 1, 2018

For additional information please visit www.iecon2018.org