

IEEE PELS Fellow Evaluation Committee Members 2021

The goal of an IEEE PELS FEC is to provide IEEE Judges with a critical technical evaluation and an assessment of the degree of qualification of Nominees referred to PELS by the Nominator. PELS FEC Evaluators shall evaluate the Nominee's contributions, role, and impact according to the same evaluation principles followed by the IEEE Judges. Additionally, PELS FEC Evaluators shall also:

1. Provide a technical assessment only, disregarding any service the Nominee may have provided to the Society or IEEE.
2. Treat equally all Nominees referred to them, regardless of whether they are active as volunteers in the Society or active elsewhere.

Chair: Leon Tolbert

2013

for contributions to multilevel power electronic converter technology

Vice-chair: Steven Pekarek

2013

for contributions to modeling and analysis of AC adjustable speed motor drives

Members:

José Cobos

2019

for contributions to power supply systems

Helen Li

2018

for contributions to bidirectional converters for utility applications and high efficiency photovoltaic converters

Jinjun Liu

2019

for contributions to modeling and control of power systems

Alan Mantoath

2009

for contributions to modeling power electronic devices

Leila Parsa

2021

for contributions to control of multi-phase permanent magnet electrical drives

Hamid Toliyat

2007

for contributions to the design, analysis, and control of fault-tolerant multiphase electric machines

Jin Wang

2021

for contributions to high density power converters and their use in electric cars

Edson Watanabe

2017

for the application of power electronics for power conditioning

Navid Zargari

2015

for contributions to medium voltage drive technologies and applications

Richard Zhang

2019

for leadership in development of power electronic converters