

IEEE POWER ELECTRONICS SOCIETY

Richard M. Bass Outstanding Young Power Electronics Engineer Award

Selection Criteria and Nomination and Selection Procedure

Selection Criteria

Beginning in 1997, the Outstanding Young Power Electronics Engineer Award (renamed in 1999 in memory of Richard M. Bass) will normally be presented annually by the Power Electronics Society (PELS) for outstanding achievement in the field of power electronics by an IEEE member in any grade who is less than 35 years of age as of January 1 of the year of the Award. The awardee has been judged to have made an outstanding contribution in the multidisciplinary field of power electronics. The recipient receives a suitably inscribed certificate, a cash award of \$1,500, and reasonable reimbursement for transportation expenses up to \$500 to attend the Annual PELS Awards Banquet. Registration fee for the recipient at the conference hosting the Awards Banquet will be paid by PELS.

Achievements by which a young engineer is judged to have made an outstanding contribution encompass a broad range of technical activities including research, innovative product design and application, teaching, and project leadership. The disciplines which encompass the field of power electronics include the analysis, design, development, simulation and practical application of electronic devices, magnetics, controls and power circuits for inverters, converters and motor drives ranging in power level from fractions of a watt to megawatts.

Nomination and Selection Procedure

1. The Nominating Committee for the Richard M. Bass Outstanding Young Power Electronics Engineer (OYPEE) Award consists of the Chair of the OYPEE Award Subcommittee plus six individuals appointed by the Subcommittee Chair.
2. The Selection Committee for the Award consists of six past recipients of the Newell Award appointed by the Chair of the Awards Committee.
3. The Nominating Committee is charged with providing annually, four months before the date scheduled for the PELS Awards Banquet, nominations for up to five individuals for the OYPEE Award.
4. To be considered as a nominee, in no more than 600 words including any attachments, a description of qualifications and other pertinent information must be submitted for each nominee. Nominations must be received before the annually specified closing date for nominations.
5. Additionally, nominations for candidates who meet the consideration requirements outlined above are earnestly solicited from individual IEEE members. Any IEEE member may submit annually one nomination for the award.
6. A list of names is prepared which includes those nominated by the Nominating Committee, plus the names of all qualified individuals nominated from the at-large IEEE-member solicitation. The list is arranged in alphabetical order for the First Ballot and submitted along with the completed nomination forms to the Selection Committee.

7. The Selection Committee members rank the First Ballot nominees in priority order and return the ranked lists to the OYPEE Award Subcommittee Chair. Opportunity is provided for Selection Committee members to indicate a preference that the Award not be presented for the current year.
8. Results of the First Ballot are ordered by summing the rankings received by each candidate and dividing by the number of Selection Committee Members who assigned a rank to that nominee. The names of the three top-ranked nominees arranged in alphabetical order make up the Final Ballot. In the event that the above process does not clearly identify three top candidates, the OYPEE Award Subcommittee Chair, in consultation with the PELS Awards committee Chair and the Society President, identifies the candidates for the Final Ballot.
9. The names of the candidates on the Final Ballot are listed in alphabetical order and the ballot is submitted to the Selection Committee for ranking in priority order. Committee members may indicate a preference that the Award not be presented in the current year. The priority-marked ballots are returned to the OYPEE Award Subcommittee Chair who orders the results using the same procedure as for the First Ballot to determine the year's Award recipient. In the event that a tie results, the OYPEE Award Subcommittee Chair, in consultation with the PELS Awards Committee Chair and the Society President, selects the recipient.
10. On either the First Ballot or the Final Ballot, if a majority of the Selection Committee shows no priority selection for any nominee and checks the box "Make no award this year", OYPEE Award will not be presented.
11. In the event that only three names are submitted for the first ballot, the results of the First Ballot will be considered as the Final Ballot
12. The selected recipient of the OYPEE Award is notified by the Awards Subcommittee Chair and, in consultation with the Awards Committee Chair, arrangements for presenting the award are made.
13. The Awards Committee Chair obtains the Award Certificate and check, and makes the necessary arrangements for presentation of the award at the Annual Awards Banquet of the Power Electronics Society which historically has been at the Power Electronics Specialists Conference usually held in June.
14. Ballots and correspondence associated with the selection procedure may be conducted by mail, FAX, telex, or telephone.
15. In the event that the Awards Banquet is scheduled earlier or later than June, the schedule of the nomination and selection procedures are adjusted accordingly.

Richard M. Bass Outstanding Young Power Electronics Engineer Awardees

1997	Vlatko Vlatkovic	2001	David J. Perreault
1998	Frede Blaabjerg	2002	Pallab Midya
1999	Steven B. Leeb	2003	Babak Fahimi
2000	José A. Cobos	2004	Philip Carne Kjaer